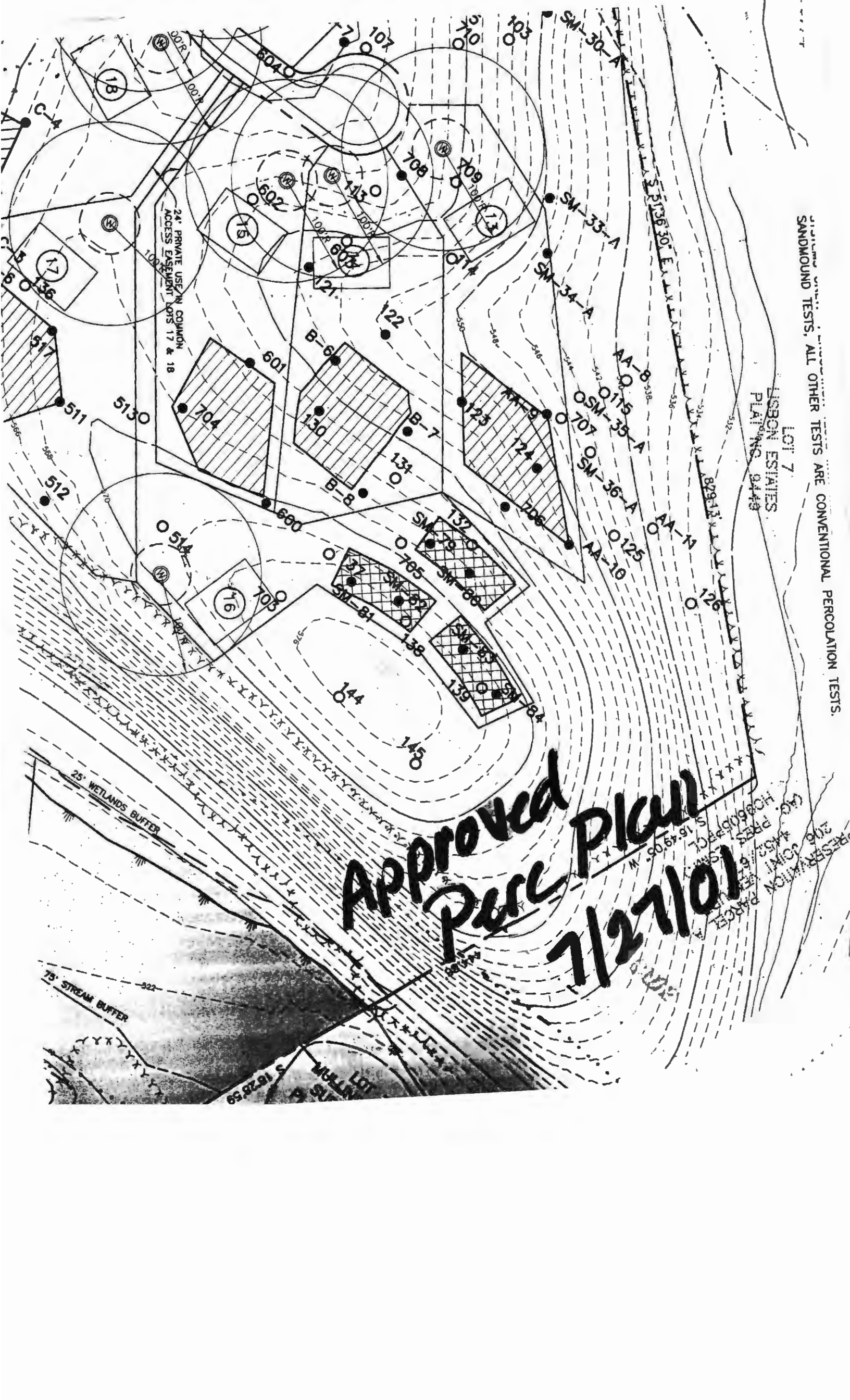




SANDMOUND TESTS, ALL OTHER TESTS ARE CONVENTIONAL PERCOLATION TESTS.

LOT 7  
LEBON ESQUIRES  
PLAT NO. 9449



Approved Plan  
Perc  
7/27/01

HOBBINS & ASSOCIATES  
2106  
P.O. BOX 610  
MILLER  
S 162859

TEST DATA

NAME \_\_\_\_\_ FILE NO \_\_\_\_\_  
 LOCATION \_\_\_\_\_ COUNTY \_\_\_\_\_  
 \_\_\_\_\_ DATE \_\_\_\_\_  
 \_\_\_\_\_ GRID \_\_\_\_\_ E  
 RECORDED BY \_\_\_\_\_ N

HOLE NO.	TEST NO.	DEPTH	CLOCK TIME	ELAPSED TIME	MEASUREMENT	REMARKS (Method, Moisture, Biopores)
	84	18"	11:17		7.0	
	1.		12:39	82 min	7.0	
			12:54	15 min	6 <sup>12</sup> / <sub>16</sub>	.25 60
			1:18	24 min	6 <sup>4</sup> / <sub>16</sub>	.5 48
			1:42	24 min	5 <sup>14</sup> / <sub>16</sub>	.375 64
						60 min/inch (OK)
	80	18"	11:19		7.0	
			12:40	81 min	6.0	1.0 = 81
			12:40		7.0	
			12:55	15 min	6.0	6.0 = 15
			12:55		7.0	
			1:18	23 min	6.0	6.0 = 23
			1:43	25 min	5.0	6.0 = 25
						25 min/inch (OK)
	79	18"	11:22		7.0	
			12:42	80 min	7.0	
			12:54	22 min	6 <sup>11</sup> / <sub>16</sub>	.313 70 min/inch
			1:20	26 min	6 <sup>1</sup> / <sub>16</sub>	.625 41
			1:45	25 min	5 <sup>9</sup> / <sub>16</sub>	.5 50
						60 min/inch (OK)

TEST DATA

NAME _____	FILE NO _____
LOCATION <u>Smith Prop Rt 94</u>	COUNTY <u>Howard</u>
<u>Near Lot 19</u>	DATE <u>4/12/00</u>
RECORDED BY <u>Amy McMillen</u>	GRID _____ E
	N

HOLE NO.	TEST NO.	DEPTH	CLOCK TIME	ELAPSED TIME	MEASUREMENT	REMARKS (Method, Moisture, Biopores)
	81	18"	11:09		7.0	
			12:32	83min	5.0	2.0 41 min/inch
			12:34	2min	7.0	
			12:49	15min	6 <sup>12</sup> / <sub>16</sub>	.25 60
			1:15	26min	6 <sup>4</sup> / <sub>16</sub>	.5 52
			1:40	25min	5 <sup>14</sup> / <sub>16</sub>	.375 66
						60 min/inch (OK)
	82	18"	11:11		7.0	
			12:35	84min	3 <sup>5</sup> / <sub>16</sub>	3.063 = 27 min/inch
			12:35		7.0	
			12:49	15min	6 <sup>9</sup> / <sub>16</sub>	.438 34
			1:17	28min	5 <sup>11</sup> / <sub>16</sub>	.875 32
			1:41	24min	5 <sup>11</sup> / <sub>16</sub>	.625 38
						35 min/inch (OK)
	83	18"	11:14		7.0	
			12:36	82min	4.0	3.0 = 27 min/inch
			12:56	20min	4 <sup>3</sup> / <sub>16</sub>	.813 = 24
						27 min/inch (OK)

COUNTY #

SOIL PROFILE  
600

red brown  
siltlm  
20% micaeous  
R<sub>2</sub>

601 706

red brown  
siltlm  
20% micaeous  
lt pink to  
siltlm  
25% micaeous  
small shale  
frags  
micaeous

603

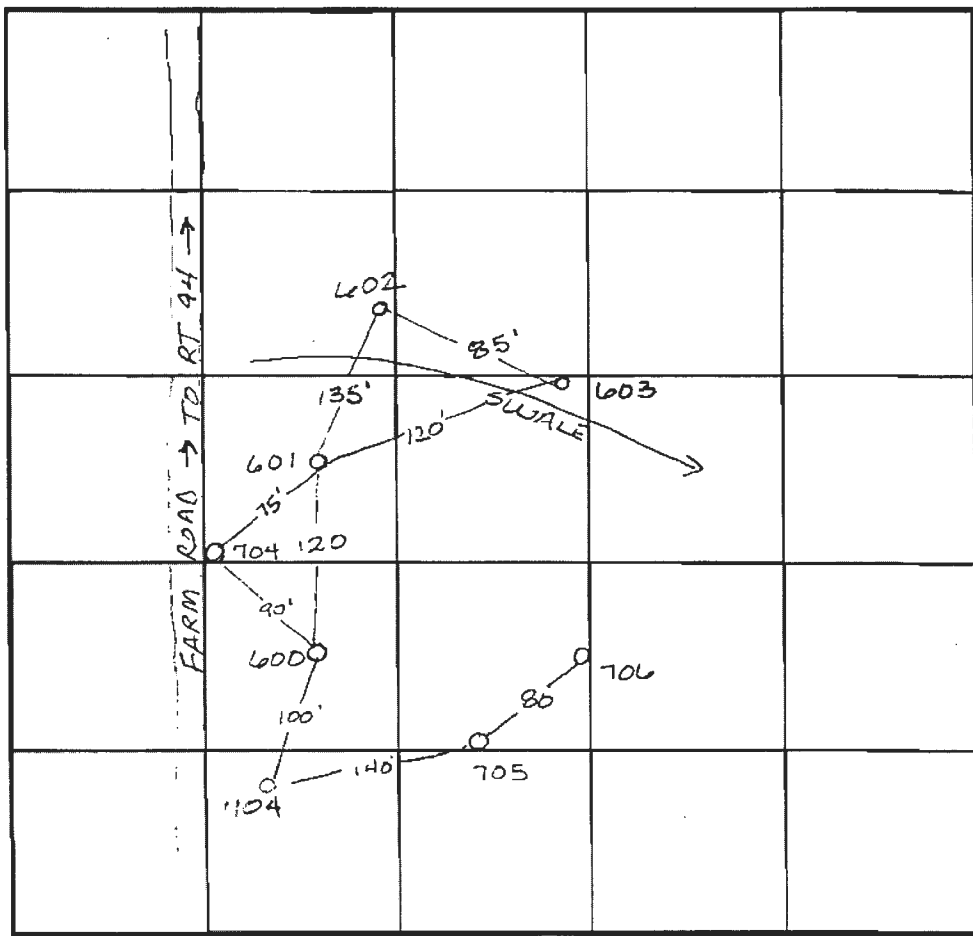
lt tan  
siltlm  
micaeous  
lt yellow  
tan  
siltlm  
30% small  
shale frags  
micaeous

SOIL PROFILE  
602

orange brown  
siltlm  
heavy red  
siltlm  
some very  
micaeous shale

704

red brn  
siltlm  
dark pink  
siltlm  
lt yellow  
tan  
siltlm



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8-3-93	600	4.5 / 11.0	10:19	10:21	10:21	10:25	4 min
	601	6.0 / 12.0	10:26 <sup>30</sup>	10:35	10:35	10:41	6 min
	603	4.5 / 10.0	10:35	10:45	10:45	11:30	slow
	602	5.0 / 11.5	10:43	no movement			slow
8-4-98	704	5.5 / 10.0	12:34	12:39	12:39	12:45	6 min
	703	7.0-8.0%	rock - beginning @ 3.0 -				
			insufficient depth to bedrock				F
	705	Refusal @ 6.0	Insufficient depth to bedrock				F
	706	5.0 / 11.0	12:44	12:47	12:47	12:54	7 min

REMARKS

TYPE OF SOIL

TESTED BY Amy McMillen

ALSO PRESENT

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT/BEDROOM

## Wolf, Kevin

---

**From:** Wolf, Kevin  
**Sent:** Wednesday, October 11, 2023 12:20 PM  
**To:** Sean Bartz  
**Cc:** aaron goodman  
**Subject:** RE: Goodman Property | Cattail Creek

Sean,  
I need the plan to be to scale (i.e. 1:30, 1:40, etc). It should show the entire lot, house, well, etc. Please include the nature of the plan (i.e. purpose statement) along with notes about the pool addition. The notes should include

- Access to the pool
- Sda/mound sites must be fenced off as to protect from pool construction
- Note to say the pool area fill to be removed offsite
- Must indicate where pool equipment is to be located

I spoke with my deputy director and he mentioned that we would need a waiver request letter from the owner. The letter should reflect the need for the reduced distance/setback to the sewage disposal area. Not saying this would get approved but would strengthen your proposal. Let me know if you have any questions. Ill await your submittal.

Kevin

**From:** Sean Bartz <sean@bartzlandscaping.com>  
**Sent:** Monday, October 9, 2023 1:06 PM  
**To:** Wolf, Kevin <KWolf@howardcountymd.gov>  
**Cc:** Adam Browning <abrowning@pennstrail.com>; aaron goodman <agconstruction555@gmail.com>  
**Subject:** Re: Goodman Property | Cattail Creek

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

Good afternoon

Pls let confirm receipt of the hard copies when you receive. They addressed to you

Thank you

Sent from my mobile device. Please excuse any grammatical or punctual errors.

Thank you  
Sean Bartz

(240) 457-1734

On Thu, Oct 5, 2023 at 12:24 PM Sean Bartz <[sean@bartzlandscaping.com](mailto:sean@bartzlandscaping.com)> wrote:

They are in the mail, Thank you

Bartz Landscaping  
Sean Bartz | President

[BartzLandscaping.com](http://BartzLandscaping.com)

Direct (240) 457-1734  
Office (301) 846-8710

MHIC# 137028  
MDA-F 1170

Instagram (<https://instagram.com/bartzlandscaping?r=nametag>)  
Portfolio (<http://bartzlandscaping.com/Portfolio>)

Book a call: <https://meetings.hubspot.com/sean-bartz>

On Thu, Oct 5, 2023 at 12:17 PM Wolf, Kevin <[KWolf@howardcountymd.gov](mailto:KWolf@howardcountymd.gov)> wrote:

Sean,

Go ahead and send me hard copies of this. From my initial review, it looks like all setbacks have been met.

**From:** Sean Bartz <[sean@bartzlandscaping.com](mailto:sean@bartzlandscaping.com)>  
**Sent:** Thursday, October 5, 2023 11:03 AM  
**To:** Wolf, Kevin <[KWolf@howardcountymd.gov](mailto:KWolf@howardcountymd.gov)>  
**Cc:** Adam Browning <[abrowning@pennstrail.com](mailto:abrowning@pennstrail.com)>; aaron goodman <[agconstruction555@gmail.com](mailto:agconstruction555@gmail.com)>  
**Subject:** Re: Goodman Property | Cattail Creek

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

Sorry about that, take 2

Sent from my mobile device. Please excuse any grammatical or punctual errors.

Thank you  
Sean Bartz

(240) 457-1734

On Wed, Oct 4, 2023 at 8:24 AM Wolf, Kevin <[KWolf@howardcountymd.gov](mailto:KWolf@howardcountymd.gov)> wrote:

Sean,

I can't seem to open this. Can you send another way?

**From:** Sean Bartz <[sean@bartzlandscaping.com](mailto:sean@bartzlandscaping.com)>

**Sent:** Wednesday, October 4, 2023 8:05 AM

**To:** Adam Browning <[abrowning@pennstrail.com](mailto:abrowning@pennstrail.com)>

**Cc:** Wolf, Kevin <[KWolf@howardcountymd.gov](mailto:KWolf@howardcountymd.gov)>; aaron goodman <[agconstruction555@gmail.com](mailto:agconstruction555@gmail.com)>

**Subject:** Re: Goodman Property | Cattail Creek

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

Good morning

Thank you for your patience.

Here's what we came up with under the new proposed location.

We'd really like more space. Do you guys have any other thoughts or suggestions that would enable more space for pool & patio?

Thank you so much for everything



A. Goodman - Pool Setback.pdf



A. Goodman - Pool Setback - Pt2.pdf

Sent from my mobile device. Please excuse any grammatical or punctual errors.

Thank you  
Sean Bartz

(240) 457-1734

On Fri, Sep 29, 2023 at 12:33 PM Adam Browning <[abrowning@pennstrail.com](mailto:abrowning@pennstrail.com)> wrote:

Sean;

This one includes the offset line in dark black. All of the construction would have to fall outside of the buffer to the septic that is being installed and the thick black line I'm showing hereon.

Respectfully submitted;

Adam B. Browning

***Penn's Trail Environmental, LLC***

**From:** Wolf, Kevin <[KWolf@howardcountymd.gov](mailto:KWolf@howardcountymd.gov)>  
**Sent:** Friday, September 29, 2023 12:17 PM  
**To:** Adam Browning <[abrowning@pennstrail.com](mailto:abrowning@pennstrail.com)>  
**Cc:** aaron goodman <[agconstruction555@gmail.com](mailto:agconstruction555@gmail.com)>; [sean@bartzlandscaping.com](mailto:sean@bartzlandscaping.com)  
**Subject:** RE: Goodman Property | Cattail Creek

.Ok. Ill need to check into this. So your not relocating the SDA rather adjusting and moving the mound within the SDA. We would need to see the pool on there as well since I am assuming they are re adjusting to meet more room.

**From:** Adam Browning <[abrowning@pennstrail.com](mailto:abrowning@pennstrail.com)>  
**Sent:** Friday, September 29, 2023 12:12 PM  
**To:** Wolf, Kevin <[KWolf@howardcountymd.gov](mailto:KWolf@howardcountymd.gov)>  
**Cc:** aaron goodman <[agconstruction555@gmail.com](mailto:agconstruction555@gmail.com)>; [sean@bartzlandscaping.com](mailto:sean@bartzlandscaping.com)  
**Subject:** RE: Goodman Property | Cattail Creek

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

Kevin;

This one includes the original, recorded SRA's in red. Test Pit #705 was the observation hole with a limiting zone of 6 feet (refusal/bedrock).

Perc rate at #80 was actually 25 mpi but I used the more conservative rate for #79 which was 60 mpi.

Respectfully submitted;

Adam B. Browning

*Penn's Trail Environmental, LLC*

**From:** Wolf, Kevin <[KWolf@howardcountymd.gov](mailto:KWolf@howardcountymd.gov)>  
**Sent:** Friday, September 29, 2023 12:00 PM  
**To:** Adam Browning <[abrowning@pennstrail.com](mailto:abrowning@pennstrail.com)>  
**Cc:** aaron goodman <[agconstruction555@gmail.com](mailto:agconstruction555@gmail.com)>; [sean@bartzlandscaping.com](mailto:sean@bartzlandscaping.com)  
**Subject:** RE: Goodman Property | Cattail Creek

Adam,

Can you show the existing sewage disposal area (SDA)/mound area? That way I can get a better grasp on where the sda will be moving. The design criteria looks ok but I am questioning the placement/area of the SDA in relation to the existing perc data locations and also whether or not it would be doable in this type of soil.

Kevin

**From:** Adam Browning <[abrowning@pennstrail.com](mailto:abrowning@pennstrail.com)>  
**Sent:** Friday, September 29, 2023 11:16 AM  
**To:** Wolf, Kevin <[KWolf@howardcountymd.gov](mailto:KWolf@howardcountymd.gov)>  
**Cc:** aaron goodman <[agconstruction555@gmail.com](mailto:agconstruction555@gmail.com)>; [sean@bartzlandscaping.com](mailto:sean@bartzlandscaping.com)  
**Subject:** Goodman Property | Cattail Creek

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

Kevin;

I was asked to investigate the potential for shifting one of the SRA's at the Goodman Property to help accommodate the construction of the pool. Before I send anything formally I wanted to run a sketch by you.

I sized an atgrade using a 0.4 GPD/SQFT loading rate with a maximum linear loading rate of 9.0 GPD/LF. The area as shown is 24.5' x 67' for a total effective area of 1,507.50 sqft (minimum is 1500 sqft). I've also included the 5 foot berm around the area and the 25 foot downgradient protection area while maintaining a minimum of 10 feet to the closest property line.

If this looks good to you I will send in paper copies. Let us know. Thanks!!

Respectfully submitted;

Adam B. Browning

Manager

*Penn's Trail Environmental, LLC*

21 E. Lincoln Ave.-Suite 160

Hatfield, PA 19440

Office Ph. (215) 362-4610 ext. 112

email: [abrowning@pennstrail.com](mailto:abrowning@pennstrail.com)

Web: <http://www.pennstrail.com>

*Confidentiality Notice: This e-mail message, together with any attachments, contains information provided by Penn's Trail Environmental, LLC that may be confidential, proprietary, copyrighted and/or legally privileged. It is intended solely for the use of the individual or entity to which it is addressed. The unauthorized use, dissemination, distribution or reproduction of this e-mail, including attachments, is prohibited and may be unlawful. If you have received this message in error, please notify the sender immediately by reply e-mail and then delete all copies from your system. Thank you for your cooperation.*

*Disclaimer: E-mail transmissions cannot be guaranteed to be secure or error-free as information could be intercepted, corrupted, lost, incomplete, or arrive late. The sender does not accept liability for any loss of information which may arise as the result of the transmission of this message. If verification is required, please request a hard copy. We regularly scan our systems for viruses. Penn's Trail Environmental, LLC takes no responsibility for any virus that may be transmitted or any non-business related content or content by a third party.*

**Reduce-Reuse-Recycle**