

Section I – Residential

What are the necessary steps?

The general process to obtain a permit for a single family residential home construction project disturbing between 1 and 5 acres is to:

- 1. Determine if your disturbance is greater than or equal to 1 acre by completing Single Family House Acre Determination Worksheet. If so continue to #2. If not no permit is required.**
- 2. Develop an erosion and sediment control plan.**
- 3. Submit a Notice of Intent to the New York State Department of Environmental Conservation.**
- 4. Implement the erosion and sediment control plan during construction.**
- 5. Terminate the coverage of the permit once the project is completed and the site is stabilized by filing a notice of termination (NOT).**

The following information is intended to provide a condensed overview of these steps. Complete information and guidance is available from the New York State Department of Environmental Conservation's web-site at www.dec.state.ny.us and should be consulted when preparing an erosion and sediment control plan and submitting a Notice of Intent and Notice of Termination. Consult the website for any changes in forms or requirements that may have been made since this workbook was compiled.

**Single Family House
(Acre Phase II Determination Worksheet)**

Under the new Phase II Stormwater regulations if someone disturbs more than one acre they must develop a stormwater pollution prevention plan (SWPPP) and submit a notice of intent (NOI) to the NYS DEC. This fact sheet will help you determine whether you will be disturbing one acre or more.

On the back of this fact sheet is an example to illustrate how to determine amount of disturbance. In the example we have proposed the following. Construction of a driveway, house with yard, septic system, utilities, and also a garage.

We then broke the land disturbance into the following components:

- A. Driveway
- B. House & yard footprint
- C. Septic System
- D. Utilities
- E. Miscellaneous- (sheds, garages, ponds, etc.)

Then for each component we measured the length (L) and width (W). Under component E you may have more than one (ex. build a garage and also a pond). This is fine, just sketch them on the map and determine length x width. Next fill the numbers in at the bottom left.

Once you have these numbers we will fill in the sheet below to figure the total area of disturbance.

Everything we do is in components Length x Width (Sketch of proposed house lot is on the back)

**1 acre of land is equal to 43,560 sq. feet.
43,560**

A.	Driveway-	$\frac{500 \times 20}{43,560} = \frac{10,000}{43,560} = .23$
B.	House with yard	$\frac{120 \times 100}{43,560} = \frac{12,000}{43,560} = .27$
C.	Septic System	$\frac{50 \times 20}{43,560} = \frac{1,000}{43,560} = .023$
D.	Utilities	$\frac{500 \times 10}{43,560} = \frac{5,000}{43,560} = .11$
E.	Side Yard	$\frac{100 \times 100}{43,560} = \frac{10,000}{43,560} = .23$

A= .23
B = .27
C= .023
D= .11
E= .23

Total **0.863**

If number is less than 1 your all set! If number is over 1.0 there are two options:

Option #1-Review proposed layout and see if there is a possibility to shorten the length or make the width narrower on some of the components to get the total of all components to total less than 1.0 (ex. Cut driveway width from 20' to 12')

Option #2-Develop your erosion & sediment control plan, fill out and submit your Notice of Intent (NOI) to the NYS DEC

Acre Determination Worksheet

1 Acre of Land is equal to 43,560 sq. ft.

All components are length X width
43,560

$$A = \frac{\text{-----} \times \text{-----}}{43,560} = \frac{\text{-----}}{43,560}$$

$$B = \frac{\text{-----} \times \text{-----}}{43,560} = \frac{\text{-----}}{43,560}$$

C=

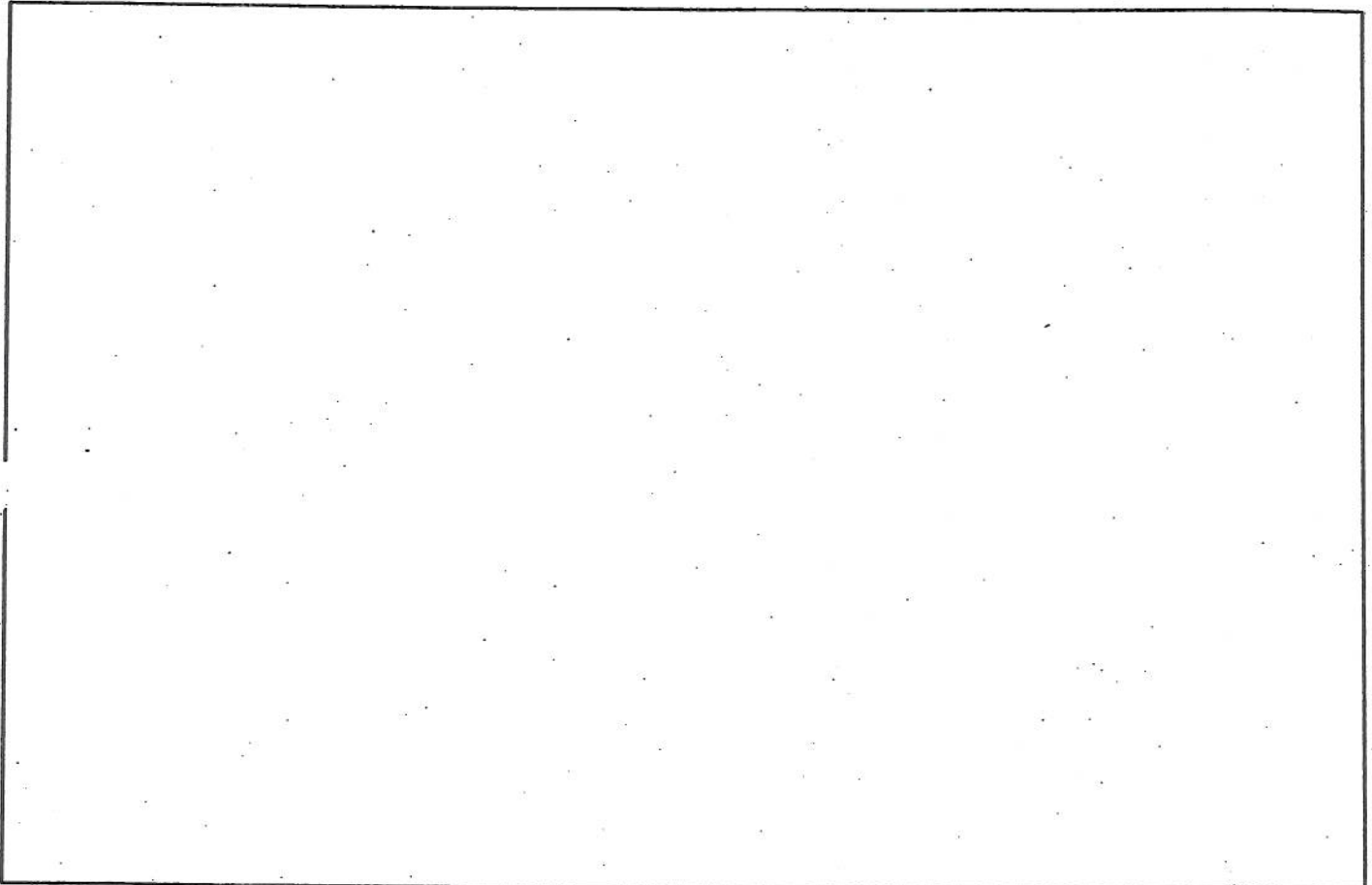
D=

E=

A	
B	
C	
D	
E	
TOTAL	

Acre Determination Proposed Sketch Plan

Sketch a layout of your proposed property to include all land disturbance components. Then measure the length and width of each component and fill numbers in at bottom left. Use the numbers generated to fill out other side of this worksheet



A= _____ X _____

B= _____ X _____

C= _____ X _____

D= _____ X _____

*E= _____ X _____

*If you have additional misc. areas,
simply add to the list of components
starting with F