

Building Department
Town of Northborough, Ma.

63 Main Street
(508) 393-5010

**CALCULATION SHEET FOR INCREASE TO IMPERVIOUS SURFACE:
GROUNDWATER PROTECTION OVERLAY DISTRICT**

ADDRESS:_____

Groundwater Protection Overlay: Area (1) (2) (3) - *circle all as appropriate*

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Town of Northborough Zoning Bylaw Chapter 7 – 28, Groundwater Protection Overlay Districts. This form is intended for
“ Residential single family dwellings such that impervious cover of the building lot is increased over existing condition by no
more than fifteen percent (15 %).” Existing conditions as they occurred prior to May 1986.

By Definition: Impervious Surface – Material on the ground that prevents surface water from infiltrating into the soil and
underlying groundwater system; impermeable.

This includes the following: Dwelling, ALL driveways (paved or unpaved), pools, cement aprons, walk ways, any out
buildings, sheds, and any other similar ground covers considered to be impervious.

NOTE: DOES NOT include open decks.

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For any impervious ground cover as of May 16, 1986, the following method can be used to determine allowable increase in
impervious surface:

I. LOT SIZE (square feet)..... Sq. Ft.

II. PREEXISTING IMPERVIOUS SURFACE

(Prior to MAY 1986) a – h Below..... Sq. Ft.

NOTE: SHOW CALCULATIONS FOR AREA ON THE BACK OF THIS SHEET
OR ATTACH A SEPARATE SHEET. **Note: DO NOT include “Open Decks”**

a. Dwelling ... _____ sq. ft.	d. Sheds... _____ sq. ft.	g. Other.. _____ sq. ft. (Name: _____)
b. Driveways .. _____ sq. ft.	e. Pool..... _____ sq. ft.	
c. Walkways.. _____ sq. ft.	f. Pool Aprons _____ sq. ft.	h. Other _____ sq. ft. (Name: _____)

III. LOT SIZE – PREEXISTING IMPERVIOUS _____ Sq. Ft.
(Item I – Item II)

**IV. ALLOWABLE EXPANSION OF IMPERVIOUS
SURFACE = MULTIPLY (“III”) X 0.15**

{ NOTE: Without obtaining GWPO Variance (ZBA), and/or
designing a recharge area, obtain further clarification
from the Town Engineer in those cases. } Sq. Ft.

Calculation Sheet for GWPO 02/13/02

V. INCREASE to IMPERVIOUS SURFACE from May 1986 to Present:

A. Impervious cover after MAY 1986:

a. – h. Below..... Sq. Ft.

NOTE: SHOW CALCULATIONS FOR AREA ON THE BACK OF THIS SHEET OR ATTACH A SEPARATE
SHEET. **Note: DO NOT include “Open Decks”**

