

Queen Anne's County Forest Conservation Worksheet *Version 2.3*

Net Tract Area

- A. Total tract area A = _____
- B. Deductions (Critical Area, see below**) B = _____
- C. Net tract area ($C = A - B$) C = _____

Land Use Category *(From Table 3.2.1, page 13 in QA County Forest Conservation Manual)*

- D. Afforestation threshold (Net tract area x _____%) D = _____
- E. Conservation threshold (Net tract area x _____%) E = _____

Existing Forest Cover

- F. Existing forest cover within the Net tract area F = _____
- G. Area of forest above Conservation threshold G = _____
 If $F > E$ then $G = F - E$; otherwise $G = 0$

Break Even Point

- H. Amount of forest that must be retained so that no mitigation is required H = _____
 (1) If $G > 0$ then $H = (0.2 \times G) + E$
 (2) If $G = 0$ then $H = F$
- I. Forest clearing permitted without mitigation ($I = F - H$) I = _____

Proposed Forest Clearing

- J. Total area of forest to be cleared J = _____
- K. Total area of forest to be retained ($K = F - J$) K = _____

Planting Requirements

- L. Reforestation for clearing above the Conservation threshold L = _____
 (1) If $K > E$ then $L = J \times 0.25$
 (2) If $K \leq E$ then $L = G \times 0.25$
- M. Reforestation for clearing below the Conservation threshold M = _____
 (1) If $F > E$ and $K \leq E$ then $M = 2.0 \times (E - K)$
 (2) If $F \leq E$ then $M = 2.0 \times J$
- N. Credit for retention above the Conservation threshold N = _____
 If $K > E$ then $N = K - E$; otherwise $N = 0$

- P. **TOTAL REFORESTATION REQUIRED** P = _____
 ($P = L + M - N$)
- Q. **TOTAL AFFORESTATION REQUIRED** Q = _____
 If $F < D$ then $Q = D - F$
- R. **TOTAL PLANTING REQUIREMENT** R = _____
 ($R = P + Q$)

** Net tract area is:

- A. Except in agriculture and resource areas, the total area of a site, including both forested and non-forested areas, to the nearest 1/10 acre, reduced by that area where forest clearing is restricted by another local ordinance or program;
- B. In agriculture and resource areas, the part of the total tract for which land use will be changed or will no longer be used for primarily agricultural activities, reduced by that area where forest clearing is restricted by another local ordinance or program.

**Agricultural and resource areas:

- A. Undeveloped areas zoned for densities of less than or equal to one dwelling unit per 5 acres.

NOTE: Use "0" for all negative numbers that result from the calculations.