

ESTUARINE MITIGATION RATIOS

The equation for determining how much intertidal or tidal marsh area is required for mitigation shall be:

$$AM = (RVd / RVm)(AD) \text{ where ...}$$

AM = Area of mitigation site

RVd = Adjusted RELATIVE VALUE of the development site

RVm = Adjusted RELATIVE VALUE of the mitigation site

AD = Area of development site

The equation for determining how much shallow subtidal area is required for mitigation shall be:

$$AM = 2.0(RVd / RVm)(AD)$$

Note that if shallow subtidal habitats are offered as mitigation, the required surface area is twice the size of the surface area required if an intertidal or tidal marsh area of equal RELATIVE VALUE is offered. The surface area of the mitigation site (AM) may not be smaller than the surface area of the development site (AD).

The MITIGATION CREDITS attributable to any enhanced habitat may be obtained as follows:

- a. Obtain the RELATIVE VALUE of the existing habitat from Figure 3 or 3A.
- b. Project what the RELATIVE VALUE of the target habitat will be after mitigation occurs.
- c. Subtract (a) from (b) to obtain enhancement RELATIVE VALUE.
- d. Multiply the enhancement RELATIVE VALUE (c.) times the number of acres enhanced.

More detailed information on estuarine mitigation is in OAR 141-085-0240.