

EXAMPLE OF ASSESSMENT RELATIONSHIPS FOR VEGETATION AND WILDLIFE

Habitat Conversion

Environmental Variables:

Substrate
Hydraulics
Nutrient Availability

Assessment Relationships:

1) Construction of facilities may convert habitat which may affect plant and wildlife populations through changes in water availability, foraging, nesting habitat, predation or cover.

Assessment indicators: Conversion or change in habitat type

2) Habitat creation activities will increase specific habitat which is intended to increase specific target species. This increase in the population of target species will lead to increase resiliency of the specific population.

Assessment indicators: Size and type of specified habitat.

Habitat Connectivity/Orientation

Environmental Variables:

Hydraulics
Substrate
Topography

Assessment Relationships:

1) Creation of new habitat interfaces will increase production of species dependent on this interface to meet one or more of their critical life history requirements.

Assessment indicators: Number of habitat types within region.

2) Habitat restoration actions will increase availability of areas which may act as dispersion mechanisms for vegetation and wildlife (as migration corridors or example).

Assessment indicators: Distance between habitats providing similar functions