

## Appendix K

### Rocky Intertidal Injury to Wetlands REA Details

#### INJURY CALCULATION

Injury to rocky intertidal habitat is **10.4** discounted acre-years of resource services (see Appendix I for details).

#### CREDIT CALCULATION (projected restoration benefits *per acre*)

Year	% of Potential Resource Services	Resource Services Per Acre	Discounted to 1998
2003	0%	0.00	0.00
2004	5%	0.05	0.04
2005	10%	0.10	0.08
2006	15%	0.15	0.12
2007	20%	0.20	0.15
2008	25%	0.25	0.19
2009	30%	0.30	0.22
2010	35%	0.35	0.25
2011	40%	0.40	0.27
2012	45%	0.45	0.30
2013	50%	0.50	0.32
2014	55%	0.55	0.34
2015	60%	0.60	0.36
2016	60%	0.60	0.35
2017	60%	0.60	0.34
2018	60%	0.60	0.33
Continues to 2104.			Discounted at 3% per year
<b>Total:</b>			<b>13.9</b>

Number of acres needed for project would be  $10.4/13.9 = \mathbf{0.8}$  acres.

## Appendix L

### Sandy Beach Injury to Dunes REA Details

#### INJURY CALCULATION

Injury to sandy beach habitat is **58.6** discounted acre-years of resource services (see Appendix I for details).

#### CREDIT CALCULATION (projected restoration benefits *per acre*)

Year	% of Potential Resource Services	Resource Services Per Acre	Discounted to 1998
2003	0%	0	0.00
2004	10%	0.10	0.08
2005	20%	0.20	0.16
2006	30%	0.30	0.24
2007	40%	0.40	0.31
2008	50%	0.50	0.37
2009	60%	0.60	0.43
2010	60%	0.60	0.42
2011	60%	0.60	0.41
Continues to 2033.			Discounted at 3% per year
<b>Total:</b>			<b>8.9</b>

Number of acres needed for project would be  $58.6/8.9 = 6.6$  acres.