Appendix H
Worksheet for Tier 2 of Prioritization Framework

The worksheet shown below is an example of a spreadsheet to use to evaluate restoration projects based on a set of criteria including the following:

- change in ecosystem function as a result of the project
- probability of success
- size
- cost.

Information on the probability of success comes from the results of the stressor-based GIS model developed as part of this nearshore assessment. The equations for the Analysis Scores for A and C are as follows:

A) Each column is summed and the total are multiplied by a weighting factor as follows:

Change in Function Score = Preserved*1 + Increased*2 + Decrease*0.01 + No Change*0.1 + Unsure*0.01 + NA*0.01/20

The total potential sum (10) times 2 is 20 resulting in a total possible score of 1.

B) Each column is summed and the total are multiplied by a weighting factor as follows:

Predicted Success Score = High*2 + Moderate*1 + Low*0.1 + Unsure*0.01/18

The total potential sum (9) times 2 is 20 resulting in a total possible score of 1.

The criteria are discussed in detail in the main body of the report

Project Score = (function change x size x probability)		high=.67 to 1	mod=.34 to.66	low=0 to .33

Project Analysis Results		**Prioritization Framework Data**		**Notes**
Project Name	Project A	**Site No.**	100	Site ID
Project Score	0.48 Moderate	**Location**		
Functional Area (acre)	80.0	**Drift Cell Score**	0.8	
Score x Area	38	**Site Controlling Factor Score**	0.2	
Cost/Project Score	$314,581	**Site Process Score**	0.75	
Cost/Functional Acre	$1,875			

A. Analysis of change in function, process, value

Functions	Preserved	Increase	Decrease	No change	Unsure	NA
Primary production		1				
OM Flux		1				
Sediment Trapping				1		
Nutrient Processing				1		
Flood Attenuation		1				
Food Web Support		1				
Opportunity					1	
Capacity		1				
Natural Complexity		1				
Natural Biodiversity		1				
Sum Score	0	7	0	2	1	0
Analysis score	0.71				This value used to calculate project score	

B. Analysis of change in size of functional area

Total Area of project	100	
Area where function restored or preserved	80	
Proportion of Total Area	0.80	This value used to calculate project score

C. Analysis of predicted success of project

Factor	High	Moderate	Low	Unsure	
Case studies	1				Conducted successfully many times
Restoration strategy	1				Strategy in line with recommended management option for site
Habitat forming processes	1				Drift cell processes are intact
Landscape features	1				Site processes are in good shape
Site condition			1		Highly degraded
Adjacent habitat condition	1				Adjacent sites appear in good shape
Self-maintenance	1				High because of process scores
Resilience	1				High because of process scores
Time frame		1			Moderate due to level of site damage
Sum Score	7	1	1	0	
Analysis score	0.84				This value used to calculate project score

D. Analysis of cost

Factor	
Planning	$ -
Land	$ -
Implementation	$ -
Monitoring	$ -
Management	$ -
Other	$ -
Total Cost	$ 150,000
Matching funds	$ -
Cost	$ 150,000

This value used in cost/acre