

# Scorecards for DMMT

## **Objectives**

These scorecards are designed to utilize the knowledge developed by filling out and discussing the criteria worksheets. Scoring is based on either a Likert scale (score 1 through 5) or a yes/no (binary scale) denoting effect/no effect. The scorecards can be used to compare the criteria, and the scores can be transferred directly to the DMDT. Scorecards are best completed after stakeholders have worked through the Criteria Worksheet and feel comfortable with their understanding about the environmental, economic, social, governance, and build environment changes for each management alternative.

## **Instructions**

Reference the Criteria Worksheet for each management alternative to determine the likelihood, feasibility, and impact of each criterion for the alternative being considered. Definitions of each term are in the Criteria Worksheet Instructions and can be referenced throughout the scoring process.

### **Scorecard A**

Scorecard A uses a 1-5 Likert scale to score each category of criteria. For most criteria, 1 represents low impact and 5 represents high impact. Criterion where the directional effect of scoring is negative will require reverse scoring. These criteria are identified on the scorecard, and the reverse scoring scale is written next to the criterion. To score each criterion, determine which number represents the impact of the criterion on the alternative being considered. Mark only one number per criterion. Mark N/A if a criterion is not applicable to the site being scored.

### **Scorecard B**

Scorecard B uses a binary scoring system. Each criterion is assessed based on its presence or absence, with "yes" = present and "no" = absent. When transferred to the tool, "yes" responses score full points and "No" responses do not accumulate any points. To score the criteria, determine whether each criterion is present or absent and mark it accordingly. For Habitat Quantity and Quality, mark each habitat type "yes" if quality will be improved or quantity will be increased, and mark "no" if quality will be diminished or quantity will be decreased. Mark only one answer per criterion. Mark N/A if a criterion is not applicable to the management alternative being scored.

### **Scorecard C**

Scorecard C can be used rank criteria for the score sheets. The default rank is the list of criteria numbered from 1-50. Users are encouraged to also rank the criteria based on their priorities.

# Scoresheet A: Biophysical Environment

Criteria	Impact Characterization (likelihood, impact, feasibility)
Rivers and streams habitat quantity gain/loss	
Lakes and ponds habitat quantity gain/loss	
Near coastal marine/estuarine habitat quantity gain/loss	
Open water habitat quantity gain/loss	
Wetlands habitat quantity gain/loss	
Urban/Suburban habitat quantity gain/loss	
Barren/rock and sand habitat quantity gain/loss	
Rivers and streams habitat quality improved/diminished	
Lakes and ponds quality improved/diminished	
Near coastal marine/estuarine quality improved/diminished	
Open water quality improved/diminished	
Wetlands quality improved/diminished	
Urban/Suburban quality improved/diminished	
Barren/rock and sand quality improved/diminished	
Impact on priority habitat	
Benefit to species of management concern	
Restoration of native vegetation	
Reduction of invasive species	
Increase stormwater control/protection	
Influence biophysical environment by reducing contamination	

## Scoresheet A: Economy

Criteria	Impact Characterization (likelihood, impact, feasibility)
Funding pathway identified	
Funding application prepared	
Partnerships established	
Potential partnerships identified	
Feasible transportation of dredged materials to the placement site	
Accept materials (5 years)	
Accept materials long-term (20 years)	
Lead to creation/growth of viable business	
Secondary benefits created	
Long-term maintenance required	

## Scoresheet A: Social

Criteria	Impact Characterization (likelihood, impact, feasibility)
Improve access to parks or natural spaces	
Potential for indirect job creation	
Improve aesthetics	
Community engagement	
Reduced human exposure to contaminants	
Improved access to ecosystem services	
Improved infrastructure condition	
New/improved infrastructure services for community	

## Scoresheet A: Governance

Criteria	Impact Characterization (likelihood, impact, feasibility)
Maintain navigation channels	
Enrollment in voluntary program	
Able to complete within Environmental Windows	
Included in existing guidance documents	
Permitting timeline conducive with project timeline	
Meets zoning requirements	
Flexible timeframe	
Replicable	
Site ownership	

## Scoresheet A: Built Environment

Criteria	Impact Characterization (likelihood, impact, feasibility)
Reduce contamination	
Diversion to construction	
Cap or fill (ex. development sites, roads, greenspace)	

# Scoresheet B: Biophysical

Criteria	Presence/Absence
Rivers and streams habitat quantity gain/loss	
Lakes and ponds habitat quantity gain/loss	
Near coastal marine/estuarine habitat quantity gain/loss	
Open water habitat quantity gain/loss	
Wetlands habitat quantity gain/loss	
Urban/Suburban habitat quantity gain/loss	
Barren/rock and sand habitat quantity gain/loss	
Rivers and streams habitat quality improved/diminished	
Lakes and ponds quality improved/diminished	
Near coastal marine/estuarine quality improved/diminished	
Open water quality improved/diminished	
Wetlands quality improved/diminished	
Urban/Suburban quality improved/diminished	
Barren/rock and sand quality improved/diminished	
Impact on priority habitat	
Benefit to species of management concern	
Restoration of native vegetation	
Reduction of invasive species	
Increase stormwater control/protection	
Influence biophysical environment by reducing contamination	

## Scoresheet B: Economy

Criteria	Presence/Absence
Funding pathway identified	
Funding application prepared	
Partnerships established	
Potential partnerships identified	
Feasible transportation of dredged materials to the placement site	
Accept materials (5 years)	
Accept materials long-term (20 years)	
Lead to creation/growth of viable business	
Secondary benefits created	
Long-term maintenance required	



## Scoresheet B: Social

Criteria	Presence/Absence
Improve access to parks or natural spaces	
Potential for indirect job creation	
Improve aesthetics	
Community engagement	
Reduced human exposure to contaminants	
Improved access to ecosystem services	
Improved infrastructure condition	
New/improved infrastructure services for community	

## Scoresheet B: Governance

Criteria	Presence/Absence
Maintain navigation channels	
Enrollment in voluntary program	
Able to complete within Environmental Windows	
Included in existing guidance documents	
Permitting timeline conducive with project timeline	
Meets zoning requirements	
Flexible timeframe	
Replicable	
Site ownership	

## Scoresheet B: Built Environment

Criteria	Presence/Absence
Reduce contamination	
Diversion to construction	
Cap or fill (ex. development sites, roads, greenspace)	

## Scoresheet C: Biophysical

Criteria	Rank
<b>Biophysical</b>	
Rivers and streams habitat quantity gain/loss	
Lakes and ponds habitat quantity gain/loss	
Near coastal marine/estuarine habitat quantity gain/loss	
Open water habitat quantity gain/loss	
Wetlands habitat quantity gain/loss	
Urban/Suburban habitat quantity gain/loss	
Barren/rock and sand habitat quantity gain/loss	
Rivers and streams habitat quality improved/diminished	
Lakes and ponds quality improved/diminished	
Near coastal marine/estuarine quality improved/diminished	
Open water quality improved/diminished	
Wetlands quality improved/diminished	
Urban/Suburban quality improved/diminished	
Barren/rock and sand quality improved/diminished	
Impact on priority habitat	
Benefit to species of management concern	
Restoration of native vegetation	
Reduction of invasive species	
Increase stormwater control/protection	
Influence biophysical environment by reducing contamination	

## Scoresheet C: Economy

Criteria	Rank
<b>Economy</b>	
Funding pathway identified	
Funding application prepared	
Partnerships established	
Potential partnerships identified	
Feasible transportation of dredged materials to the placement site	
Accept materials (5 years)	
Accept materials long-term (20 years)	
Lead to creation/growth of viable business	
Secondary benefits created	
Long-term maintenance required	

## Scoresheet C: Social

Criteria	Rank
<b>Social</b>	
Improve access to parks or natural spaces	
Potential for indirect job creation	
Improve aesthetics	
Community engagement	
Reduced human exposure to contaminants	
Improved access to ecosystem services	
Improved infrastructure condition	
New/improved infrastructure services for community	

## Scoresheet C: Governance

Criteria	Rank
<b>Governance</b>	
Maintain navigation channels	
Enrollment in voluntary program	
Able to complete within Environmental Windows	
Included in existing guidance documents	
Permitting timeline conducive with project timeline	
Meets zoning requirements	
Flexible timeframe	
Replicable	
Site ownership	

## Scoresheet C: Built Environment

Criteria	Rank
<b>Built Environment</b>	
Reduce contamination	
Diversion to construction	
Cap or fill (ex. development sites, roads, greenspace)	