

Great Salt Lake Wetlands
Ballot – Metrics
08/31/2009

Name:
Organization:
Expertise:

Directions

1. Per assemblage, please rate each metric with either a 1 (highest confidence), 2, or 3 (lowest confidence). If rated with a 3 (lowest confidence), please explain in the comments section.
2. Please rate the assemblages (macroinvertebrates, submerged aquatic vegetation, surface mats and water quality) in the order of importance by placing a 1 (most important assemblage, 2, 3 or 4 in the box

MACROINVERTEBRATES

METRIC	RATING	COMMENTS
Ephemeroptera (mayflies), % of total sample number		
Simpson's Diversity Index		
<i>Hyaella</i> (amphipods), % of total sample number		
Total Taxa		
Number of Coleoptera (beetle) taxa		

SUBMERGED AQUATIC VEGETATION

METRIC	RATING	COMMENTS
<p><u>Maximum (pre-collapse) SAV Cover</u> Calculated as the maximum percent cover (averaged across plots) obtained in either July or August.</p>		
<p><u>Fall SAV Cover</u> Provides a measure of the amount of food available to ducks during fall migration.</p>		
<p><u>Magnitude of SAV Collapse</u> Calculated as the difference between the maximum SAV percent cover in July/August and the percent SAV cover obtained in September.</p>		
<p><u>Percent Loss of SAV</u> Because the magnitude of SAV loss might be dependent on initial conditions, this metric quantifies the percent change in SAV cover</p>		
<p><u>SAV Light Compensation Point</u></p>		
<p><u>SAV Shading Matrix</u></p>		

SURFACE MATS

METRIC	RATING	COMMENTS
<p><u>Maximum Algae Mat Cover</u> The maximum yearly percent cover of a surface mat predominantly composed of algae.</p>		
<p><u>Maximum Duckweed Mat Cover</u> The maximum yearly percent cover of a surface mat predominantly composed of algae.</p>		
<p><u>Maximum Surface Mat Cover</u> The maximum yearly percent cover of any surface mat, either algae or duckweed</p>		

