MnRAM Access Database Reports

MnRAM Reports

- Report Section
  - Summary Report
  - Individual Site Response Report
  - LGU Report
- Summary tab reports
  - Classification Report
  - Print Summary
MnRAM Report Overview

Because MnRAM has evolved over the years in response to user requests, data reporting has some quirks.

Some reports work best on-screen. Others are formatted for printing. There are two different locations for running out different reports.

If you have technical expertise and want to format a unique report with your data, you can use the Export Data feature with other software to pull the data you want into a new external document.

MnRAM Report Locations

Report Section vs. Summary Tab

- The Report section is located along the right side of the database screen.
- The Summary Tab is located in the “back” row of tabs along the top.
Run Summary Report

Subsets of records can be filtered by:

- Project
- Location (City or SubWatershed)
- Status of record (Complete or not)

Report Choices:

- Numeric or Text
- Veg. Community or Functional

You can use the <complete> filter to find out which sites are not yet complete, to see if you missed any during data entry.

If you enter your sites grouped by project name, you can run a filtered report to show a single project's sites grouped together.
Individual Site Response Summary

Shows your responses to each question for a single site.
Does not show vegetation rating.

LGU Report/Site Assessment

The last page gives a detailed listing of the dominant species listed for each vegetative community, along with the Cowardin and Circular 39 classifications chosen by the reviewer.
Summary Tab Reports

Press <Print> to send to your printer
or
<CLOSE Print Preview> to return to the previous screen.

This is the last tab in the database, where you can see individual ratings for each function for that particular wetland.
Summary Report (on Summary tab)

Wetland Functional Assessment Summary (from previous slide)

- A complete summary of the wetland
- Numeric and text ratings of all functions.
- Vegetative communities, with ratings.

Other Summary Tab Reports

- Classification Report is a print-formatted summary of Management Classification.
Summary Tab Reports, cont.

**Management Classification (MC)**

- MC-Standard Results
- MC-Adjustable Flowchart

**MC-Standard Results**

This is a report meant for on-screen viewing. You can check to see how the site would be classified if you use the Basic or Increased protection system. It shows the function that causes the wetland to fall into the protection standard, the formula for that function and the questions that go into the formula, and the values for each of those questions.

For a print version of this report, press <Classification Report>.

It shows the function that causes the wetland to fall into the protection standard, the formula for that function and the questions that go into the formula, and the values for each of those questions.
MC-Adjustable Flowchart

Adjusting the knobs does not change the functional ratings. Those are shown in the blue bar and change only when responses to questions are changed. Turning the knobs affects what happens with functional ratings, not underlying data.

MC—Printable Report

The critical function that caused the wetland to rank as Manage 1 was Maintenance of Characteristic Amphibian Habitat.

Details of the formula for this action are shown below:

\[
\text{Maintenance of Characteristic Amphibian Habitat} = (\text{Q43} \times (\text{Q44} + 2 \times \text{Q23wildlife} + \text{Q14} \times \text{Q41} + \text{Q20} \times \text{reversed}))
\]

<table>
<thead>
<tr>
<th>Question</th>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>0.5</td>
<td>Upland land use</td>
</tr>
<tr>
<td>20</td>
<td>1</td>
<td>Stormwater runoff</td>
</tr>
<tr>
<td>23</td>
<td>1</td>
<td>Buffer width</td>
</tr>
<tr>
<td>41</td>
<td>0.5</td>
<td>Wildlife barriers</td>
</tr>
<tr>
<td>43</td>
<td>1</td>
<td>Amphib breeding potential–fish presence</td>
</tr>
<tr>
<td>44</td>
<td>0</td>
<td>Amphib &amp; reptile overwintering habitat</td>
</tr>
</tbody>
</table>

This report was printed on: Tuesday, November 09, 2010

* The classification value settings for these functions are not adjustable

The lower portion of the page describes the critical function, shows its formula and the questions that go into calculating it.

The individual responses to each of those questions is also shown.
MC-Report Flexibility

If the user adjusts the classification using the dials on the adjustable flowchart, the Classification Report will reflect that change.

Notice how the classification changes as the Amphibian setting is adjusted.

The Classification Report reflects the change.

<table>
<thead>
<tr>
<th>Functional rank of this wetland</th>
<th>Functional Category</th>
<th>Self-defined classification value settings for this management level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Applicable</td>
<td>Fish habitat</td>
<td>Exceptional</td>
</tr>
<tr>
<td>Not Applicable</td>
<td>Protection</td>
<td>High</td>
</tr>
<tr>
<td>Exceptional</td>
<td>Aesthetic/Cultural/Recreation and Habitat</td>
<td>Exceptional / High</td>
</tr>
<tr>
<td>Moderate</td>
<td>Stormwater/Urban Sensitivity and Vegetative Diversity</td>
<td>Exceptional / Moderate</td>
</tr>
<tr>
<td>High</td>
<td>Wetland Water Quality and Vegetative Diversity</td>
<td>High / High</td>
</tr>
<tr>
<td>Characteristic Hydrology and Vegetative Integrity</td>
<td>High / High</td>
<td></td>
</tr>
<tr>
<td>Moderate</td>
<td>Flood/Stormwater Attenuation*</td>
<td>-</td>
</tr>
<tr>
<td>Not Applicable</td>
<td>Commercial use*</td>
<td>-</td>
</tr>
<tr>
<td>Not Applicable</td>
<td>Downstream Water Quality*</td>
<td>-</td>
</tr>
</tbody>
</table>