

SBIO2 Habitat Assessment Module User Guide

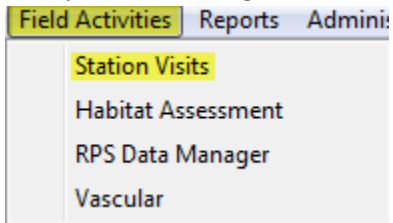
Overview:

The Habitat Assessment (HA) module is intended for the entry and review of stream, river and lake habitat assessment data.

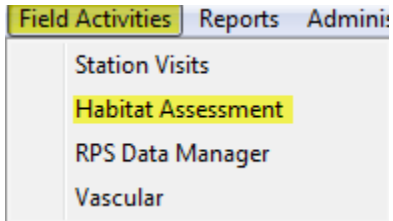
1. Set up the Visit using the STATION VISIT module if you haven't already
2. Click the HABITAT ASSESSMENT item in the FIELD ACTIVITIES menu
3. Enter HA data for the Visit on the **"Enter Data"** tab
 - a. Search for your SBIO ID by either STORET number or Visit ID number
 - i. Choose the corresponding radio button
 - ii. Type your number in the search box
 - b. Click on SBIO Visit ID you want to add HA data to
 - i. The ID will be generated and the form will be ready to receive data
 - ii. The existing sample information will be populated
 - c. Add your data
 - i. You can tab to get to the next box
 - ii. The scores will populate automatically for you
 - d. Choose the person that collected the HA data from the drop down list
 - i. The analyst is the person that is making the observations
 - e. Add any field comments
 - f. Click Save
4. Complete or Review Data Entry
 - a. Click on the **"Review Existing Data"** tab
 - b. Choose the method that you would like to search by
 - c. Type your number in the Search box
 - d. Click on the HA ID that you would like to complete or review
 - i. The sample information and HA data entered will populate
 - e. Complete or Correct data
5. Once data entry has been completed and QA/QC has been done, choose a Reviewer from the dropdown and click "Data are Correct"
 - a. Reviewer cannot be the same person that initially entered the data

Detailed instructions:

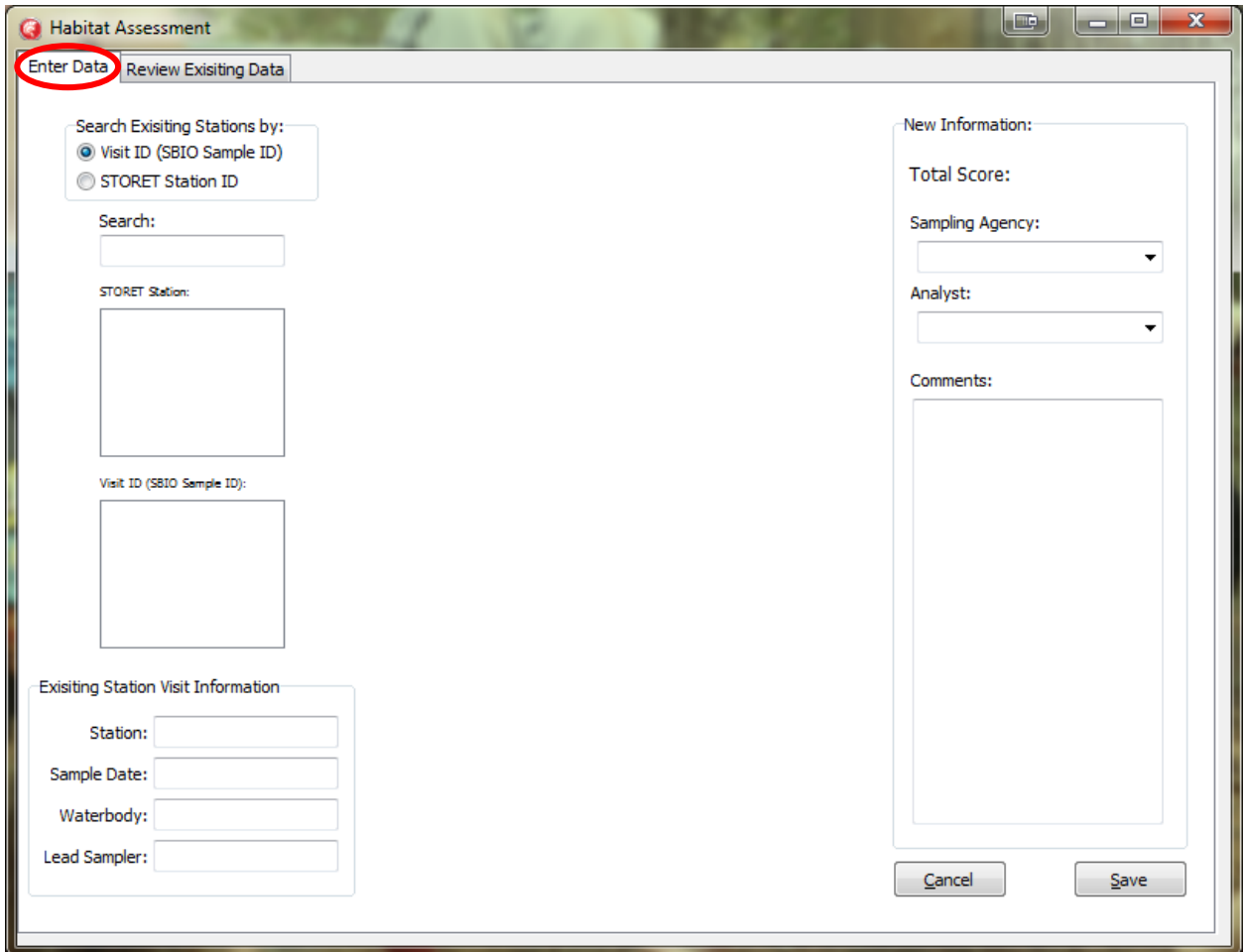
1. Set up the Visit using the STATION VISIT module if you haven't already



2. Click the HABITAT ASSESSMENT item in the FIELD ACTIVITIES menu



3. Enter HA data for the Visit on the “Enter Data” tab

A screenshot of a software window titled 'Habitat Assessment'. It has two tabs: 'Enter Data' (which is selected and circled in red) and 'Review Existing Data'. The 'Enter Data' tab contains several input fields and sections. On the left, there is a 'Search Existing Stations by:' section with two radio buttons: 'Visit ID (SBIO Sample ID)' (selected) and 'STORET Station ID'. Below this is a 'Search:' text box. Further down is a 'STORET Station:' text box. Below that is a 'Visit ID (SBIO Sample ID):' text box. At the bottom left is a section titled 'Existing Station Visit Information' with four text boxes: 'Station:', 'Sample Date:', 'Waterbody:', and 'Lead Sampler:'. On the right side of the window is a 'New Information:' section. It contains a 'Total Score:' label, a 'Sampling Agency:' dropdown menu, an 'Analyst:' dropdown menu, and a large 'Comments:' text area. At the bottom right of the window are two buttons: 'Cancel' and 'Save'.

- a. Search for your SBIO ID by either STORET number or Visit ID number
 - i. Choose the corresponding radio button
 - ii. Type your number in the search box

Search Existing Stations by:

☒ Visit ID (SBIO Sample ID)

☐ STORET Station ID

Search:

1243

STORET Station:

Visit ID (SBIO Sample ID):

12430
12431
12432
12433
12434
12435
12436

- b. Click on SBIO Visit ID you want to add HA data to
 - i. The ID will be generated and the form will be ready to receive data
 - ii. The existing sample information will be populated

Enter Data | **Review Existing Data**

Search Existing Stations by:

- ☒ Visit ID (SBIO Sample ID)
☐ STORET Station ID

Search:

12435

STORET Station:

Visit ID (SBIO Sample ID):

12435

Existing Station Visit Information

Station: 32010021

Sample Date: 8/13/1997

Waterbody: ALAQUA CREEK

Lead Sampler: Ray, Donald H.

Stream/River Habitat Assessment

Primary Components:

Substrate Diversity:

Substrate Availability:

Water Velocity:

Habitat Smothering:

Primary Score:

Secondary Components:

Artificial Channelization:

Bank Stability:

Right Bank:

Left Bank:

Riparian Buffer Zone Width:

Right Bank:

Left Bank:

Riparian Zone Vegetation Quality:

Right Bank:

Left Bank:

Secondary Score:

Enter Data | **Review Existing Data**

Search Existing Stations by:

- ☒ Visit ID (SBIO Sample ID)
☐ STORET Station ID

Search:

72194

STORET Station:

Visit ID (SBIO Sample ID):

72194

Existing Station Visit Information

Station: 20010991

Sample Date: 11/5/2013

Waterbody: LAKE BETHEL

Lead Sampler: Scharr, David

Lake Habitat Assessment

Hydrology:

Color:

Secchi:

*If Secchi is VOB then score is 20 per SOP.

Vegetation Quality:

Stormwater Inputs:

Bottom Substrate Quality:

Lakeside Adverse Human Alterations:

Upland Buffer Zone:

Adverse Watershed Land Use:

- c. Add your data
 - i. You can tab to get to the next box
 - ii. The scores will populate automatically for you
- d. Choose the person that collected the HA data from the drop down list
 - i. The analyst is the person that is making the observations
- e. Add any field comments
- f. Click Save

Stream/River Habitat Assessment

Primary Components:

Substrate Diversity: 20

Optimal

Substrate Availability: 15

Suboptimal

Water Velocity: 11

Suboptimal

Habitat Smothering: 6

Marginal

Primary Score: 52

Secondary Components:

Artificial Channelization: 4

Poor

Bank Stability:

Right Bank: 8

Suboptimal

Left Bank: 9

Optimal

Riparian Buffer Zone Width:

Right Bank: 5

Marginal

Left Bank: 3

Poor

Riparian Zone Vegetation Quality:

Right Bank: 10

Optimal

Left Bank: 1

Poor

Secondary Score: 40

New Information:

Total Score: 92

Sampling Agency:

Analyst:

Comments:

Insert field comments here.

Cancel

Save

Choosing a Sampling Agency narrows the Analyst options

Lake Habitat Assessment

Hydrology: Surface water inflow present

Color: Very clear, uncolored water

Secchi: 20 Optimal

*If Secchi is VOB then score is 20 per SOP.

Vegetation Quality: 12 Suboptimal

Stormwater Inputs: 17 Optimal

Bottom Substrate Quality: 9 Marginal

Lakeside Adverse Human Alterations: 15 Suboptimal

Upland Buffer Zone: 4 Poor

Adverse Watershed Land Use: 3

New Information:

Total Score: 80

Sampling Agency:

Analyst:

Comments:

Insert field comments here.

Cancel Save

Choosing a Sampling Agency narrows the Analyst options

4. Complete or Review Data Entry
 - a. Click on the **“Review Existing Data”** tab
 - b. Choose the method that you would like to search by
 - c. Type your number in the Search box
 - d. Click on the HA ID that you would like to complete or review
 - i. The sample information and HA data entered will populate
 - e. Complete or Correct data

Enter Data
Review Existing Data

Search Method
☐ Habitat Assessment ID
☒ Visit ID (SBIO Sample ID)
☐ STORET Station Number

Search:

STORET Station:

Visit ID:

Habitat Assessment ID:

Station Visit Information
Station:
Sample Date:
Lead Sampler:
Analyst:

Habitat Assessment Data
Hydrology:
Color:
Secchi:
 Marginal
*If Secchi is VOB then score is 20 per SOP.
Vegetation Quality:
 Marginal
Stormwater Inputs:
 Marginal
Bottom Substrate Quality:
 Marginal
Lakeside Adverse Human Alterations:
 Marginal
Upland Buffer Zone:
 Marginal
Adverse Watershed Land Use:

Total Score: 63
Comments:

Reviewer:

5. Once data entry has been completed and QA/QC has been done, choose a Reviewer from the dropdown and click "Data are Correct"
 - a. *Reviewer has to be a different person than the one who entered the data initially*