

## Wetland W03B Riparian Cover Raw Data Metadata

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### Rotation

Unique ID	W03B_IC01169
Attribute Definition	Reference describing when data was collected at a broad level (i.e., Rotation 1, Rotation 2).
Value Type	Text
Code	Rotation 1 = 2007 onward   Rotation 2 = 2015 onward

### ABMI Site

Unique ID	W03B_IC01180
Attribute Definition	Reference number given to each ABMI data collection site. An alphabetized suffix distinguishes a new site from the old site(s). Off grid data collection sites are appended with an OGW-ABMI prefix and a 1- or 2-digit suffix.
Value Type	Text
Format	1-4 digits & 1 letter (if necessary); OGW & 4-letter prefix, 1-4 digits, and 1-2 digit suffix

### Year

Unique ID	W03B_IC00002
Attribute Definition	Collection year.
Value Type	Date
Format	YYYY

### Field Date

Unique ID	W03B_IC00015
Attribute Definition	Day, month, and year data was collected.
Value Type	Date
Format	DD-Mon-YY
Missing Values	DNC = Did Not Collect   VNA = Variable Not Applicable

### Field Crew Member(s)

Unique ID	W03B_IC00379
Attribute Definition	Initials for the field technicians collecting the field data.

Value Type	Text
Format	2 or 3 letters (UPPERCASE) and 1 number (if necessary); 1 set of initials or a combination of many
Missing Values	DNC = Did Not Collect   VNA = Variable Not Applicable

Distance from Shore

Unique ID	W03B_IC00160
Attribute Definition	Distance from Shore
Value Type	Code
Code	Within 5 m = within 0-5 m of the shore   Within 20 m = within 0-20 m of the shore   Within 20 to 100 m = between 20 to 100 m of the shore

Quadrant

Unique ID	W03B_IC00263
Attribute Definition	The wetland is divided into four quadrants for sampling. The quadrants in wetlands <15 hectares originate in the centre of the wetland and extend in the four cardinal directions (i.e. N, E, S, W). Quadrants in wetlands >15 hectares are anchored along the primary axis with two quadrants located in a counterclockwise (quadrants 1 and 2) direction and two in clockwise (quadrants 3 and 4) direction; each quadrant bounded by 300 metre lines extending toward the shoreline.
Value Type	Code
Code	(1) North   (2) East   (3) South   (4) West

Height of Tallest Vegetation Along Shoreline (m)

Unique ID	W03B_IC00184
Attribute Definition	Average height (nearest 0.5 metre) of the tallest layer of vegetation within the first 5 metres (from shore to open water) of each quadrant.
Value Type	Number
Range	<0.25 or to the nearest 0.50
Unit	metre
Missing Values	DNC = Did Not Collect   VNA = Variable Not Applicable

Water (%)

Unique ID	W03B_IC01103
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Attribute Definition	Percent area of water in each distance category from shore.
Value Type	Code
Code	0   < 1   1-5   5   10   15   20   25   30   35   40   45   50   55   60   65   70   75   80   85   90   95   100
Missing Values	DNC = Did Not Collect   VNA = Variable Not Applicable

Rock (%)

Unique ID	W03B_IC01102
Attribute Definition	Percent area of rock in each distance category from shore.
Value Type	Code
Code	0   < 1   1-5   5   10   15   20   25   30   35   40   45   50   55   60   65   70   75   80   85   90   95   100
Missing Values	DNC = Did Not Collect   PNA = Protocol Not Applicable   VNA = Variable Not Applicable

Bare Soil-natural (%)

Unique ID	W03B_IC00109
Attribute Definition	Percent area of bare soil from natural causes (e.g. waves, overland water flow, slumping) in each distance category from shore.
Value Type	Code
Code	0   < 1   1-5   5   10   15   20   25   30   35   40   45   50   55   60   65   70   75   80   85   90   95   100
Missing Values	DNC = Did Not Collect   VNA = Variable Not Applicable

Bare Soil-anthropogenic (%)

Unique ID	W03B_IC00108
Attribute Definition	Percent area of bare soil created by human associated activities (e.g. agriculture, energy, industry, forestry, recreation, roads, residential) in each distance category from shore.
Value Type	Code
Code	0   < 1   1-5   5   10   15   20   25   30   35   40   45   50   55   60   65   70   75   80   85   90   95   100
Missing Values	DNC = Did Not Collect   VNA = Variable Not Applicable

Lichens, Fungus and Non-vascular plants (%)

Unique ID	W03B_IC00201
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Attribute Definition	Percent area of lichens, fungi, and non vascular plants in each distance category from shore.
Value Type	Code
Code	0   < 1   1-5   5   10   15   20   25   30   35   40   45   50   55   60   65   70   75   80   85   90   95   100
Missing Values	DNC = Did Not Collect   VNA = Variable Not Applicable

Forbs (%)

Unique ID	W03B_IC00171
Attribute Definition	Percent area of forbs (all vascular plants except shrubs, trees, and grasses/sedges/rushes) in each distance category from shore.
Value Type	Code
Code	0   < 1   1-5   5   10   15   20   25   30   35   40   45   50   55   60   65   70   75   80   85   90   95   100
Missing Values	DNC = Did Not Collect   VNA = Variable Not Applicable

Grasses, Sedges and Rushes (%)

Unique ID	W03B_IC00180
Attribute Definition	Percent area of grasses, sedges, and rushes in each distance category from shore.
Value Type	Code
Code	0   < 1   1-5   5   10   15   20   25   30   35   40   45   50   55   60   65   70   75   80   85   90   95   100
Missing Values	DNC = Did Not Collect   VNA = Variable Not Applicable

Shrubs (%)

Unique ID	W03B_IC00293
Attribute Definition	Percent area of shrubs (woody vascular plants) in each distance category from shore.
Value Type	Code
Code	0   < 1   1-5   5   10   15   20   25   30   35   40   45   50   55   60   65   70   75   80   85   90   95   100
Missing Values	DNC = Did Not Collect   VNA = Variable Not Applicable

Low Vegetation - natural (%)

Unique ID	W03B_IC01058
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Attribute Definition	Percent area of grasses, forbs, shrubs, and non-vascular plants regardless of height.
Value Type	Code
Code	0   < 1   1-5   5   10   15   20   25   30   35   40   45   50   55   60   65   70   75   80   85   90   95   100
Missing Values	DNC = Did Not Collect   VNA = Variable Not Applicable

Low Vegetation - anthropogenic (%)

Unique ID	W03B_IC01057
Attribute Definition	Percent area of grasses, forbs, shrubs, and non-vascular plants regardless of height, from human associated activities (cutlines, lawns, crop).
Value Type	Code
Code	0   < 1   1-5   5   10   15   20   25   30   35   40   45   50   55   60   65   70   75   80   85   90   95   100
Missing Values	DNC = Did Not Collect   VNA = Variable Not Applicable

Deciduous Trees (%)

Unique ID	W03B_IC00147
Attribute Definition	Percent area of deciduous trees in each distance category from shore.
Value Type	Code
Code	0   < 1   1-5   5   10   15   20   25   30   35   40   45   50   55   60   65   70   75   80   85   90   95   100
Missing Values	DNC = Did Not Collect   VNA = Variable Not Applicable

Coniferous Trees (%)

Unique ID	W03B_IC00128
Attribute Definition	Percent area of coniferous trees in each distance category from shore.
Value Type	Code
Code	0   < 1   1-5   5   10   15   20   25   30   35   40   45   50   55   60   65   70   75   80   85   90   95   100
Missing Values	DNC = Did Not Collect   VNA = Variable Not Applicable

Number of Dead Trees

Unique ID	W03B_IC01049
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Attribute Definition	Number of dead trees with a DBH (diameter breast height) >15 cm measured 0-20 meters from shore and 20-100 meters from shore. [2017 onward] number of dead trees measured 0-20 meters from shore only.
Value Type	Code
Code	0 = no dead trees with a DBH >15cm   1-5 = between 1 and 5 dead trees with a DBH >15cm   6-25 = between 6 and 25 dead trees with a DBH >15cm   26-100 = between dead trees with a DBH >15cm   >100 = more than 100 dead trees with a DBH >15cm
Missing Values	DNC = Did Not Collect   VNA = Variable Not Applicable

Leaf Litter

Unique ID	W03B_IC01193
Attribute Definition	Percent area of leaf litter in each distance category from shore.
Value Type	Code
Code	0   <1   5   10   15   20   25   30   35   40   45   50   55   60   65   70   75   80   85   90   95   100
Missing Values	DNC = Did Not Collect   PNA = Protocol Not Applicable   VNA = Variable Not Applicable

In/Outflow

Unique ID	W03B_IC01309
Attribute Definition	Indicates whether a surface inflow or outflow is present between the center of the wetland and 100 meters from shore (Y) or not (N). Assessed in each quadrant.
Value Type	Code
Code	Y = Yes   N = No
Missing Values	DNC = Did Not Collect   PNA = Protocol Not Applicable   VNA = Variable Not Applicable

Beaver Structures

Unique ID	W03B_IC01310
Attribute Definition	Indicates whether a beaver-made structure, such as a dam or lodge, is present between the center of the wetland and 100 meters from shore (Y) or not (N). Assessed in each quadrant.
Value Type	Code
Code	Y = Yes   N = No
Missing Values	DNC = Did Not Collect   PNA = Protocol Not Applicable   VNA = Variable Not Applicable