

Wetland W04 Water Physiochemistry Raw Data Metadata

Rotation

Unique ID	W04_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	W04_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	W04_IC00002
Attribute Definition	Collection year.
Value Type	Date
Format	YYYY

Field Date

Unique ID	W04_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	W04_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

Location

Unique ID	W04_IC00202
Attribute Definition	Water physiochemistry measurements (e.g. temperature, pH, dissolved oxygen, conductivity and salinity) are measured at three locations in each wetland. The first measurements are taken at the deepest point (Position 1) of the wetland as determined by the bathymetric map; the remaining two locations (Position 2 and Position 3), spaced 25 metres apart, are located toward the centre of the wetland.
Value Type	Code
Code	Position 1 = Deepest Point Position 2 Position 3

Time

Unique ID	W04_IC01113
Attribute Definition	Time of day when water chemistry was collected
Value Type	Date
Format	HH:MM
Missing Values	DNC = Did Not Collect PNA = Protocol Not Applicable

Depth (metres)

Unique ID	W04_IC00148
Attribute Definition	Depth of the water (in metres) as measured at three locations in the wetland.
Value Type	Number
Unit	metre
Missing Values	DNC = Did Not Collect

Temperature (Degrees Celsius)

Unique ID	W04_IC00311
Attribute Definition	Temperature of the water (degrees Celsius) as measured at three locations in the wetland.
Value Type	Number

Unit	Celsius
Missing Values	DNC = Did Not Collect

pH

Unique ID	W04_IC00240
Attribute Definition	pH of the water as measured at three locations in the wetland.
Value Type	Number
Range	0-14
Unit	pH
Missing Values	DNC = Did Not Collect VNA = Variable Not Applicable

Dissolved Oxygen (milligrams/Litre)

Unique ID	W04_IC00158
Attribute Definition	Dissolved oxygen content of the water as measured at three locations in the wetland.
Value Type	Number
Unit	milligramsPerLitre
Missing Values	DNC = Did Not Collect

Conductivity (mSiemens/cm)

Unique ID	W04_IC00126
Attribute Definition	Electrical conductivity (milliSiemens per centimetre) of the water as measured at three locations in the wetland.
Value Type	Number
Unit	milliSiemensPerCentimetre
Missing Values	DNC = Did Not Collect VNA = Variable Not Applicable

Salinity (parts per thousand)

Unique ID	W04_IC00279
Attribute Definition	Water salinity (parts per thousand) as measured at three locations in the wetland.
Value Type	Number
Unit	partsperthousand
Missing Values	DNC = Did Not Collect

Total Nitrogen (micrograms/Litre)

Unique ID	W04_IC00326
Attribute Definition	Total content of nitrogen (micrograms per litre) in the water as measured at three locations in the wetland.
Value Type	Number
Unit	microgramsPerLitre
Missing Values	DNC = Did Not Collect VNA = Variable Not Applicable

Total Phosphorous (micrograms/Litre)

Unique ID	W04_IC00331
Attribute Definition	Total content of phosphorous (micrograms per litre) in the water as measured at three locations in the wetland.
Value Type	Number
Unit	microgramsPerLitre
Missing Values	DNC = Did Not Collect VNA = Variable Not Applicable

Dissolved Organic Carbon (milligrams/Litre)

Unique ID	W04_IC00157
Attribute Definition	Total content of dissolved organic carbon (milligrams per litre) in the water as measured at three locations in the wetland.
Value Type	Number
Unit	milligramsPerLitre
Missing Values	DNC = Did Not Collect VNA = Variable Not Applicable

Turbidity

Unique ID	W04_IC01290
Attribute Definition	Measurement for water cloudiness. The higher the turbidity, the cloudier it is. Value is an average of two measurements using the turbidity tube method. The averaged value is converted into nephelometric turbidity units (NTU).
Value Type	Number
Unit	NTU
Missing Values	DNC = Did Not Collect PNA = Protocol Not Applicable