

Metadata

Data Collector	Barber, David
Deployment ID	GL_LWH_M_2021_05_10
Research Area	lake-waterhen
Deployment Dates	
Location or Station ID	GL_LWH_M
Instrument Details	
Instrument Details 1	
Instrument Name	HOBO Oxygen Logger
Standardized Instrument Name	
Instrument Unique ID	20775991
Instrument DOI	
	DOI
Description	Onset HOBO oxygen logger measures oxygen concentration with the HOBO U26 Dissolved Oxygen Data Logger. MBGL Instrument ID 219/EQ.
Instrument Details 2	
Instrument Name	Alect CT 1589
Standardized Instrument Name	Alec CT (conductivity, temperature) sampler
Instrument Unique ID	1589
Instrument DOI	
	DOI

Description ACT-HR Compact-CT Conductivity and Temperature sensor used on Manitoba Great Lakes Moorings. MBGL Instrument ID 10/EQ.

Instrument Details 3

Instrument Name Ecotriplet 1442

Standardized Instrument Name WETLabs ECO Triplet sensor

Instrument Unique ID 1442

Instrument DOI
DOI

Description A three-optical-sensor, user-defined instrument that may carry any combination of single-wavelength fluorometers or scattering meters. The fluorometers can be configured (with typical sensitivities) for chlorophyll (470/695 nm, sensitivity 0.015-0.025 ug/l), FDOM (370/460 nm, sensitivity 0.184 ppb), phycocyanin (630/680 nm, 0.086 ppb), phycoerythrin (520/595 nm, sensitivity 0.086 ppb), uranine (470/530 nm, sensitivity 0.073 ppb) or rhodamine (520/595 nm, 0.086 ppb). The scattering meter can typically measure optical scattering at blue, green or red wavelengths (412, 470, 532, 650, 700 and 880 nm, sensitivity 0.002-0.003 m⁻¹). MBGL Instrument ID 4/EQ. UM ID 094364

Related Files

Data and Resources

URL https://canwin-datahub.ad.umanitoba.ca/data/dataset/ca60b41b-0f93-4e86-b89f-f51a5132ebbb/resource/178abdc1-7805-4139-a655-fa18f794aee1/download/lwh_may2021_deployment_email.pdf

Name Email details Lake Waterhen April 2021 Mooring deployment

Description

Format PDF

Resource Category documents

URL https://canwin-datahub.ad.umanitoba.ca/data/dataset/ca60b41b-0f93-4e86-b89f-f51a5132ebbb/resource/e369abd8-7184-472c-8600-bcf0e0188669/download/mbgl_mooring_2021apr.docx

Name Lake Waterhen Mooring deployment April 2021

Description

Format DOCX

Resource Category documents

URL	https://canwin-datahub.ad.umanitoba.ca/data/dataset/ca60b41b-0f93-4e86-b89f-f51a5132ebbb/resource/9bbacfe9-c375-47e7-8926-e6f35a53d5eb/download/lwh_sept2021_pickup_email.pdf
Name	Lake Waterhen retrieval Sept. 2021
Description	Details and images from the Lake Waterhen mooring retrieval September 2021
Format	PDF
Resource Category	documents
URL	https://canwin-datahub.ad.umanitoba.ca/data/dataset/ca60b41b-0f93-4e86-b89f-f51a5132ebbb/resource/755f7bd1-b47f-4ad1-80b2-19fc07a0e639/download/lwh_m_deployment_sept2021.pdf
Name	Lake Waterhen deployment email 2021
Description	Email information about Lake Waterhen deployment Oct. 2021
Format	PDF
Resource Category	documents
URL	https://canwin-datahub.ad.umanitoba.ca/data/dataset/ca60b41b-0f93-4e86-b89f-f51a5132ebbb/resource/e3a1df8f-4701-43b3-bac7-285821c2b6ff/download/moorings2021_par_note.pdf
Name	PAR notes 2021 Mooring
Description	Email regarding PAR sensor deployment on October 2021 moorings
Format	PDF
Resource Category	documents