

Metadata

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| 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 |

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| 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

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| 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 |

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| 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 |