

14 Supplementary material



Phytoplankton bloom sampling Quick guide



If you spot discoloured water take some video footage to get an estimate of the extent of the bloom. Let us know (phyto@marine.ie).

Collect a surface sample

- Fill a clean bottle with surface water sample
- Add a few drops of iodine to give a light orange colour
- Take a second sample, do not add the iodine, label: LIVE
- Send the samples to the Marine Institute phytoplankton laboratory

Postal address: Phytoplankton Unit, Marine Institute, Rinville,
Oranmore, Co. Galway.

Phone: 091 – 387200

Email: phyto@marine.ie

Include this information with the sample

- Date and time:
- Depth (metres): Surface
- Location name and position (lat & long in decimal degrees):
- Sampler's name:

Relay of imagery (videos, pictures) FTP account for the Irish Coast Guard and Irish Navy

URL Link: <https://sftp.marine.ie>

FTP Link: <ftp://ftp.marine.ie>

Username: Provided to the user

Password: Provided to the user

Uploading Data

1. Click on the URL Link above.
2. Enter username and password (Provided to the user by the Marine Institute)
3. Click the upload button and browse to the file location.
4. Select the file for upload and click the upload button.

*The ftp site is accessible using an FTP client and this is recommended if uploading multiple files.

Access to daily satellite imagery (ocean colour Chlorophyll a)

Use Internet Explorer or Google Chrome (Firefox does not seem to work)

URL Link: <https://sftp.marine.ie/>

Username: Provided to the user

Password: Provided to the user

Navigate to the folder "CHL_IMAGES" by clicking on the following folders...

Folder 1: OSS

Folder 2: modelling

Folder 3: CHL_IMAGES