

NEON water chemistry

UV absorbance protocol

Last updated 12/30/14 by Rod Simpson

1. Turn plate reader on (switch is in back just above cable).
2. Log in.)
3. Open software (iControl) and click on instrument name, 'OK'.
4. Open method:
 - a. File→open→my docs→Guy→neon uv
5. Using low UV plate, add 200ul of NEON water blank to an unused well, and 200ul of sample to an adjacent, unused well.
6. Open the plate reader tray, put plate on, and close.
7. On screen, drag over wells to be read. When asked if you want to save changes to method, click "Yes".
8. Click start.
9. The output will appear in an Excel file. Rename the wells as either blank or NEON sample name.
10. Open neon uv scan method, and repeat. The output will appear as a separate worksheet in the output Excel file.
11. Save file as the DATE in Guy→Neon water
12. Open plate tray, remove plate, and pipette water out.
13. Mark read wells on plastic bag containing plate.
14. Turn plate reader off.
15. Fill out log book.