

OUTDOOR RADIATION INCUBATION RECORD AND CHECKLIST

The proper completion and submission of this worksheet is required by the Radiation Safety Committee for *each* incubation using radioactive materials on the dock outside the Marine Operations Building. Failure to do so may result in the issuance of a permit violation.

Incubation start date:

Incubation stop date:

Number of incubation bottles containing radioactivity:

Total activity in all incubation bottles:

Signature of person performing the incubation:

Every item below must be checked.

If there are any questions regarding an item, contact your supervisor before proceeding further.

BEFORE INCUBATION

- All incubation bottles were in good condition and were tightly sealed.
- Incubation bottles were transported from the lab to the water table within secondary containment.
- Incubation bottles were transported from the lab to the water table by foot and not by vehicle.

INCUBATION

- Incubation bottles were securely placed onto water table.
- The enclosure cage was inspected and found in good condition.
- The enclosure cage was locked.
- The radiation warning sign was posted on the security cage in a secure fashion.

AFTER INCUBATION

- Enclosure cage was inspected. No signs of tampering were evident.
- All incubation bottles containing radioactivity were accounted for.
- Incubation bottles were transported from the water table to the lab within secondary containment.
- Incubation bottles were transported from the water table to the lab by foot and not by vehicle.
- The radiation warning sign was removed from the security cage and taken back to the lab.
- Contamination wipes were performed on the water table and were found to be less than 100 dpm per 100 square centimeters.

**All spills or losses of radioactive material either during transportation of the samples or incubation must immediately be reported to Environmental Health and Safety.
(302- 831-8475 work hours, 302-831-2222 after hours)**

This form must be completed and returned to Environmental Health and Safety within ten days of the incubation stop date. It may be sent by campus mail to Room 132 General Services Bldg or faxed to (302) 831-1528

Sign for Posting of Watertable Cage

Caution Radioactive Materials



Containers hold 50-200 microcuries of C-14 or H-3

In case of emergency contact--

WEEKDAYS, 8AM-5PM
ALL OTHER TIMES

Environmental Health and Safety at (302) 831-8475
Department of Public Safety at (302) 831-2222