STANDARD OPERATING PROCEDURE

SOP 1.09:

USE OF BIOLOGICAL SAFETY CABINET

Version 1 | Date effective: 15/09/2020

1.0 INTRODUCTION AND SCOPE

This document details the method to be employed for using the Biological Safety Cabinet in the Lime Lab (311.140) safely.

2.0 HEALTH AND SAFETY

General PPE:

Laboratory coat
Covered shoes
Safety glasses
Clean disposable gloves

Lab users must be familiar with the relevant SDS for the chemicals used in the procedure and ensure that any additional precautions are taken.

Lab users must wash hands with chlorhexidine surgical scrub before leaving the laboratory.

WARNING: The metal shield must be in place before turning the UV light on in the cabinet to prevent possible injury, the UV light will turn on even if the shield is not in place.

3.0 ABBREVIATIONS

DNA	Deoxyribonucleic acid
eDNA	Environmental DNA
PPE	Personal Protective Equipment
SDS	Safety Data Sheet
SOP	Standard Operating Procedure

4.0 MATERIALS AND EQUIPMENT

As required for each SOP.

5.0 PROCEDURE

a) Before using the Biological Safety Cabinet, the UV light must be turned on to sterilize the surface for 15 minutes (press the button that says UV). **NOTE**: The metal shield must be in place before turning on the UV light.
b) Once the UV light has been on for 15 minutes it can be turned off (press the button that says Off) and the metal shield can be removed.
c) The airflow/light can now be turned on (press the button that says On), the cabinet will beep until it is safe to use ~20 minutes.
d) The surface of the cabinet should be wiped with DNA erase before using.
e) Once activities have finished for the day wipe the surface with DNA erase, turn the airflow/light off, place the metal shield back in place and turn the UV light on for 15 minutes.

6.0 REFERENCES

None

Revision History

Date Issue/Revised (DD/MM/YYYY)	Change	Revised by	Authorised by

========== End of Document ==========

Signed: _____

Date: _____