



Environmental Authorisations (Scotland) Regulations 2018

PERMIT MODULAR APPLICATION FORM

SECTION 4 - LIMITS FOR LIQUID DISCHARGES TO THE ENVIRONMENT

NB - This form is only for onshore discharges to the water environment. Offshore disposals are covered in Section 8.

4a. Please indicate by which route you intend to discharge liquid radioactive waste to the environment. (see guidance note on p17)		
To the public sewer	<input type="checkbox"/>	Name of Sewage Treatment Works: Click here to enter text.
To a watercourse	<input checked="" type="checkbox"/>	Name of watercourse: Firth of Forth
By onshore disposal to sea	<input type="checkbox"/>	
Other- give details	Click here to enter text.	

4b. Please provide the information requested in the table below (see guidance note on p17 & use the key indicators specified below the table)

Radionuclide or group of radionuclides	Limit being applied for (Bq/time)	Name & location of discharge point	Type of change requested
Cobalt-60	100MBq year	Discharge Facility at grid reference NT 1008 8190	unchanged
Tritium	1600MBq year	Discharge Facility at grid reference NT 1008 8190	increase requested
All other radionuclides not individually specified	220MBq year	Discharge Facility at grid reference NT 1008 8190	increase requested
Click here to enter text.	Click here to enter text.	Click here to enter text.	Choose an item.

Key: (N) = new request, (I) = increase requested, (R) = reduction requested, (U) = unchanged

4c. Please describe how the limits being applied for were determined. *(see guidance note on p18)*

See section 4 of supporting document

4d. Please provide details of any significant non-radioactive properties of the radioactive waste you intend to discharge and what arrangements you have made to mitigate against these hazards. *(see guidance note on p19)*

Effluent from the submarines has previously been analysed for various non-radioactive substances and found none. Ongoing characterisation will also check for the presence of any non-radioactive hazards.

4e. Have you submitted a dose assessment demonstrating that your proposed discharges will not adversely affect the public? *(see guidance note on p19)*

Yes

No

If not, please explain

[Click here to enter text.](#)