

**Radioactive Substances Act 1993 (as amended)**

**MODULAR APPLICATION FORM**

**SECTION 5**

**Liquid Radioactive Waste Disposals**

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| **Additional Information – Liquid Discharges to the Environment** |

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| **5a. Please indicate by which route you intend to discharge liquid radioactive waste to the environment.** *(see guidance note on p21)* |
| **□ To the public sewer**  **□ To an inland water body**  **□ by onshore disposal to sea**   * **Other - give details below:** |

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| **5b. Please provide the information requested in the table below**  *(see guidance note on p21 & use the key indicators specified below the table)* |

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| **Radionuclide or group of radionuclides** | **Activity of waste disposed of (Bq/l)** | **Limit being applied for (Bq/time)** | **Name of discharge point** |
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**Key: (N) = new request, (I) = increase requested, (R) = reduction requested, (U) = unchanged**

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| **5c. Please describe how the liquid limits being applied for were determined.**  *(see guidance note on p22)* |
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| **5d. How do you intend to demonstrate compliance with the liquid limits being applied for?** *(see guidance note on p23)* |
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| **5e. For each discharge route listed in table 5a, provide details of where your premises discharge liquid radioactive waste.** *(see guidance note on p23)* |
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| **5f. For each waste stream, please describe the means considered for:**   1. **minimising the volume and activity of radioactive waste disposed of** 2. **minimising the impact to the environment of radioactive waste disposed.**   *(see guidance note on p24)* |
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| **5g. What do you intend to do with any residues which are left over as a consequence of any optimisation?** *(see guidance note on p25)* |
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| **5h. Please describe the contingency arrangements if your liquid discharge route(s) become unavailable.** *(see guidance note on p25)* |
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| **5i. Have you carried out a dose assessment relating to the liquid discharge(s) and included it with the application?** *(see guidance note on p25)* |
| **Yes □ No □**  **If NO, please provide reason:** |

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| **5j. Please give details of any non-radioactive properties of the waste and confirmation that the chosen disposal route is suitable for radioactive and non-radioactive properties.**  *(see guidance note on p26)* |
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