


SCOTTISH ENVIRONMENT PROTECTION AGENCY

ENVIRONMENTAL AUTHORISATIONS (SCOTLAND) REGULATIONS 2018

The Scottish Environment Protection Agency grants this permit in exercise of its powers under Regulation 23 of the Environmental Authorisations (Scotland) Regulations 2018. The terms used in this permit, unless otherwise specified, are the same as in the Environmental Authorisations (Scotland) Regulations 2018 and the standard conditions for radioactive substances activities.

Authorisation Type		Permit
Permit reference		EAS/P/1180785
Authorised Person	Name	Scotoil Services Limited
	Registered Office	Davidson House, Miller Street, Aberdeen, AB11 5AN
	Company Number	SC077501
Authorised Activities		The management of radioactive substances excluding sealed sources
Authorised Place		The place at the date of this permit having the postal address: Miller Street, Aberdeen, AB11 5AN
Conditions to which this permit is subject		The conditions in sections A, B, C, G, H and J of the standard conditions for radioactive substances activities. The conditions in schedule 1 of this permit.
Effective Date		03/06/2019
Date permit ceases to have effect		Until surrender or revocation



Authorised to sign on behalf of the
Scottish Environment Protection Agency

Date: 27 May 2019

SCHEDULE 1 – Conditions Specific to this Permit

1. Receipt of radioactive waste

- 1.1 You are only authorised to receive the following low level radioactive wastes:
- a. NORM contaminated components for descaling at the authorised place;
 - b. NORM contaminated wastes, including but not limited to sludges, sands, waxes and PPE received from other premises for conditioning and transfer;
 - c. NORM contaminated wastes, including but not limited to oils, sludges, sands, waxes, PPE, filters and produced water for repackaging and transfer; and
 - d. NORM contaminated wastes, including but not limited to oils, sludges, sands, waxes, PPE, filters and produced water for transfer.
- 1.2 You must ensure that all NORM contaminated waste received for repackaging and transfer are delivered in sealed drums or containers.

2. Authorised holdings

- 2.1 You are authorised to hold the radioactive material used for laboratory analysis described in columns 1 and 2 of Table 1; and radioactively contaminated items.

Table 1 – Authorised Holdings

Description of Authorised Holdings	Radionuclides contained in the Authorised Holdings	Maximum quantity of radioactivity of each radionuclide in all of the Authorised Holdings (MBq)
Radioactive material used for laboratory analysis, except radioactively contaminated items	All alpha emitting radionuclides taken together	16.5
	All non-alpha emitting radionuclides taken together	12.5

3. Authorised disposals

- 3.1 You are authorised to discharge the radioactive wastes described in column 1 of Table 2 by the disposal route specified in column 2 of the same row of Table 2.

Table 2 - Authorised Disposals

Description of Authorised Radioactive Waste	Specified disposal routes	Discharge limits for each specified route	
		Radionuclides or Group of Radionuclides	Annual Activity Limit (MBq)
Liquid in the form of excess process water arising from on-site descaling and the cleaning	To the marine environment at National Grid Reference NJ 963 060	Radium-226	130
		Radium-228	80

of containers which have been used to transport wastes to the authorised place for repackaging	Lead-210	100
	Polonium-210	165

4. Storage of radioactive waste

- 4.1 You must not store NORM contaminated components awaiting descaling for longer than 12 months from the date of their arrival at the authorised place.
- 4.2 You must not store radioactive waste of the type identified in column 1 of Table 3 for longer than the time specified in column 2 of Table 3.

Table 3 – Authorised Storage Periods

Unconditioned Waste Type	Maximum Storage Time
Liquid waste	1 year
Waste oil	1 year
Solid waste	1 year

5. Conditioning of radioactive waste

- 5.1 You must condition the NORM contaminated waste by mixing it with proprietary cement and process water produced during descaling at the authorised place.
- 5.2 In the event the details of the conditioning process change for any reason, you must forward the revised details to SEPA without delay.
- 5.3 You must ensure that the final conditioned waste form is low level radioactive waste.

6. Repackaging of radioactive waste

- 6.1 You must repackage NORM contaminated waste by removing it from its container in which it arrived and placing it in the designated container for transfer.
- 6.2 You must ensure that the final packaged waste form is low level radioactive waste.

7. Additional information requirements

- 7.1 You must submit to SEPA a written summary, for the calendar year, of the following information by 28th February of each year:
 - a. The total mass of NORM waste received;
 - b. The volume of NORM waste received;

- c. The total radioactivity in the NORM waste received expressed as radium-226, radium-228, lead-210, polonium-210 and uranium-238;
- d. The total mass of heavy metals in the NORM waste received expressed as arsenic, cadmium, chromium, copper, mercury, nickel and zinc; and
- e. The total mass of petroleum hydrocarbons in the NORM waste received.

