

File note

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Approval: s 22 - irrelevant

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SUBJECT: MINERVA FACILITIES DECOMMISSIONING - ALARP ASSESSMENT
– PIPE CUTTING

1. Introduction

s 47(1)(b)

It is suspected that the actual volume of concrete being lost is greater than what was initially described in the EPs, and the release of polyethylene plastic coating, polypropylene twine and spacers was not expected.

2. Environment Plan Excerpt

Concrete

7.6.2.2. Discharges Associated with Subsea Infrastructure Recovery Activities

Cutting of the pipeline bundle may release small amounts of material, such as concrete spalling off the pipeline when cut with shears.

Table 7-18: Description of discharges associated with subsea infrastructure recovery activities
Concrete spill / swarf

Discharge Material	Description of Discharge
Concrete spill / swarf	The pipeline cuts will be made using a cutting tool on the pipeline. A small amount of concrete may spall from the pipeline as it is cut. Estimates of the volume of concrete released to the sea are: - hydraulic shear (planned method): - approximately 4.75 m³ concrete spalling

Plastics

As per the EPs, the release of plastic was assessed as a potential risk if contingency cutting measures, such as a diamond wire saw or chop saw, were used. s 47(1)(b)

7.6.3.2. Sediment Quality Vessel Discharges

A small amount of the polyethylene plastic coating on the two 2" chemical lines and umbilical may be released to the environment if the pipeline bundle is cut using a saw that generates swarf.

S 47(1)(b)

S 47(1)(b)

4. Field Joint Trial Cuts

A trial cut was performed onshore on 27 Feb 2025 on a retrieved section of duplex spool. s 47(1)(b)

[REDACTED]

An initial trial cut of the carbon steel and Densopol tape was undertaken on 17 March onboard the Seven Sisters. While the results were promising, they were inconclusive s 47(1)(b)

[REDACTED]

s 47(1)(b)

[REDACTED]

A second trial cut of a carbon steel field joint is planned for 27 March. s 47(1)(b)

[REDACTED]

s 47(1)(b)

S 47(1)(b)

S 47(1)(b)

S 47(1)(b)