

# LANAqu10 SQA Unit Code HC0E 04

## Collect, sort and store spat



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### Overview

This standard is about collecting, sorting and storing spat, (“spat” is defined as young shellfish or shellfish seed). It includes the careful handling of shellfish spat, maximising spat survival and the removal of predator, fouling and non-target shellfish species. It requires that work is completed in accordance with site standard operating procedures.

This standard is for those who collect, sort and store spat.

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### Performance

#### criteria

*You must be able to:*

- P1 carry out work safely in line with relevant health and safety requirements
- P2 prepare facilities and equipment to optimise spat survival
- P3 retrieve, store and transport **spat** in a manner that optimises the survival of spat
- P4 handle and sort spat in a manner that minimises stress and damage, and maintains spat health and welfare
- P5 identify and remove predator, fouling and non-target shellfish species from spat
- P6 store and maintain spat under conditions that maximise survival
- P7 observe and report on signs of stress or damage within stored spat in accordance with site procedures
- P8 maintain appropriate levels of hygiene and bio-security
- P9 provide information to maintain records of spat collection in accordance with legal and site requirements

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### Knowledge and understanding

*You need to know and understand:*

- K1 the relevant health and safety requirements associated with spat collection
- K2 the fragility of the spat and the handling requirements that minimise stress and damage
- K3 the importance of removing predator, fouling and non-target shellfish species from collected spat
- K4 how to identify the spat of target and **non-target shellfish species**
- K5 how to identify **predator** and **fouling species**
- K6 how to store shellfish spat to maximise survival
- K7 site procedures for maintaining effective hygiene and bio-security
- K8 the legal and site requirements for maintaining records of spat collection

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### Glossary

**spat** – young shellfish and shellfish seed

**predator species** – e.g. starfish, crabs

**fouling species** – animals and plants that attach to shellfish, limiting the shellfish's ability to function and affecting market acceptance

**non-target shellfish species** – shellfish species that you are not aiming to collect

**spat fall** – when shellfish spat settle out of their planktonic free swimming stage

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