



SHELLFISH WET STORAGE

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Department of
Primary Industries
Food Authority

Phil Baker

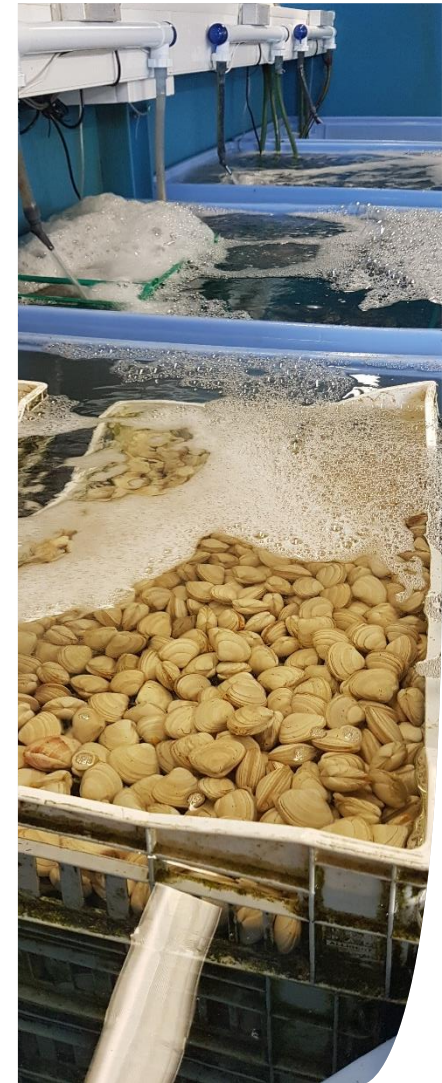
DEFINED

ASQAP DEFINITION

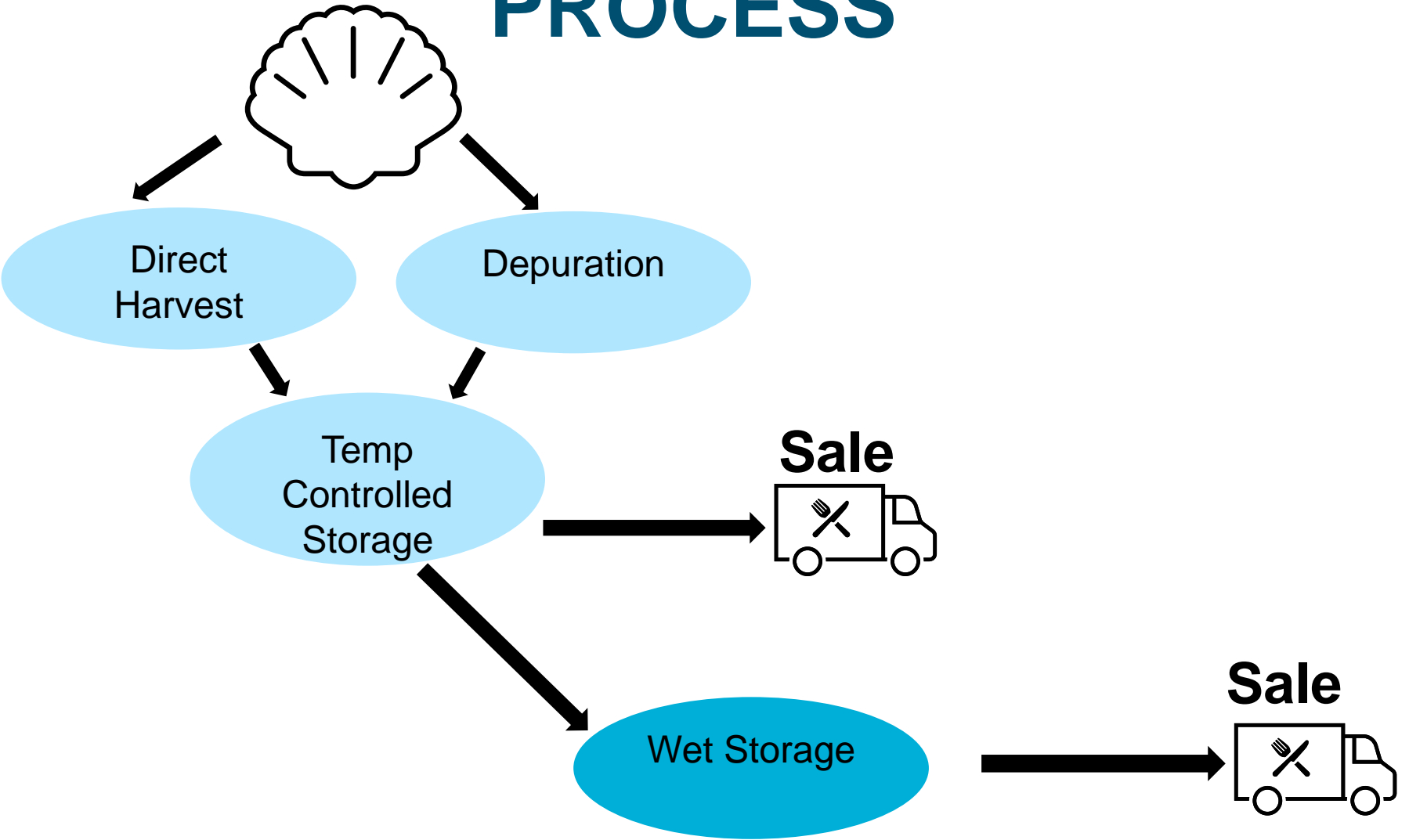
“The temporary post-harvest storage of shellfish in containers or floats in tanks containing seawater.

Wet storage may be used to remove sand from, add salt to, or to prolong quality attributes of shellfish”.

Wet storage ≠ depuration.



PROCESS



DEPURATION vs WET STORAGE

DEPURATION

- A “purification” process.
- Shellfish safe after process
- Well established requirements
- Minimum 36hrs
- No filter material
- Temp >14c
- Water changed every use

WET STORAGE

- A “shelf life extension” process.
- Shellfish are already safe to eat
- Evolving requirements
- No set time (2hrs - 8weeks+)
- External filters permitted
- Temp can be <10c
- Re-use of water for multiple batches (pending tests)

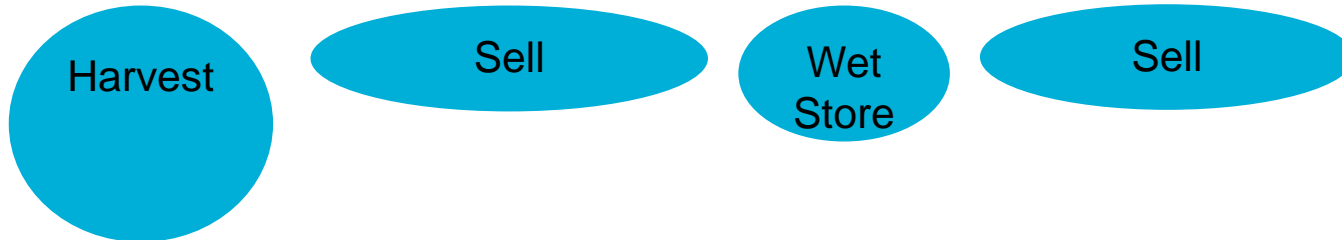
SIMILARITIES

- Both require constant sterilisation (UV)
- Depuration tanks can meet wet storage requirements. Wet storage tanks wont meet depuration requirements



EVOLUTION OF WET STORAGE

Initially used as “All in – All out” (quick dip) to extend shelf life



Introduction of new technology where extended wet storage times occur.



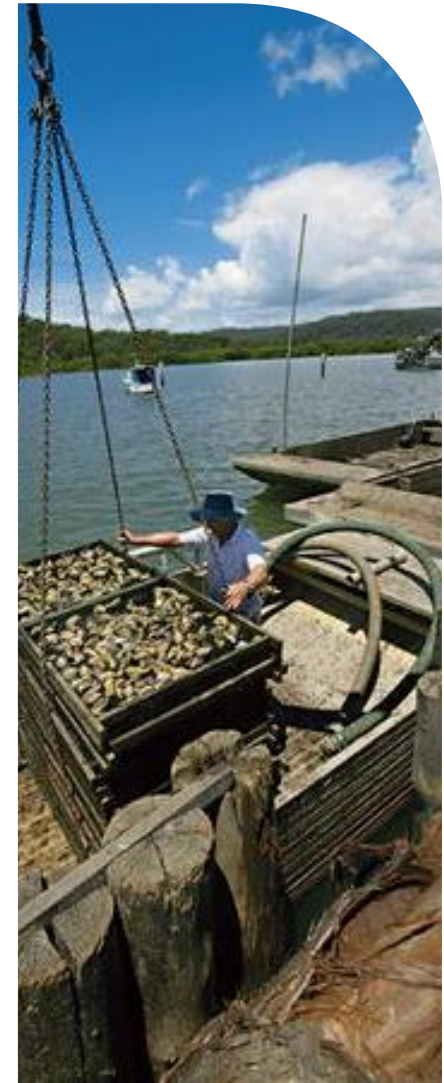
APPROVAL PROCESS

- Must apply **PRIOR** to commencing Wet Storage
 - License upgrade – Apply with NSW Food Authority Licensing team
 - Google “[NSW Food Authority LIC006](#)”
 - No “off the shelf” systems approved
 - Must be approved in-situ
 - SP Staff happy to discuss design options
 - Species specific – Not mixed with other seafood
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- Applies to wholesale use only



POST WET STORAGE

- Biosecurity concerns
- Purchase of shellfish from Biosecurity restricted areas
- Return of shellfish to the water post wet storage
- Discharge of water





THANK YOU QUESTIONS?

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