Oyster Shipments and History

OneBlink customer webinar
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Agenda

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Acknowledgement of Country

I acknowledge the Traditional Custodians of the various lands on which we work today and the Aboriginal and Torres Strait Islander people participating in this meeting/webinar.

I pay my respects to Elders past, present and emerging, and recognise and celebrate the diversity of Aboriginal peoples and their ongoing cultures and connections to the lands and waters of NSW.

About us

Biosecurity & Food Safety

1

About us

Department of Primary Industries and Regional Development → Primary Industries – Agriculture & Biosecurity → Biosecurity and Food Safety

Department of Primary Industries
and Regional Development
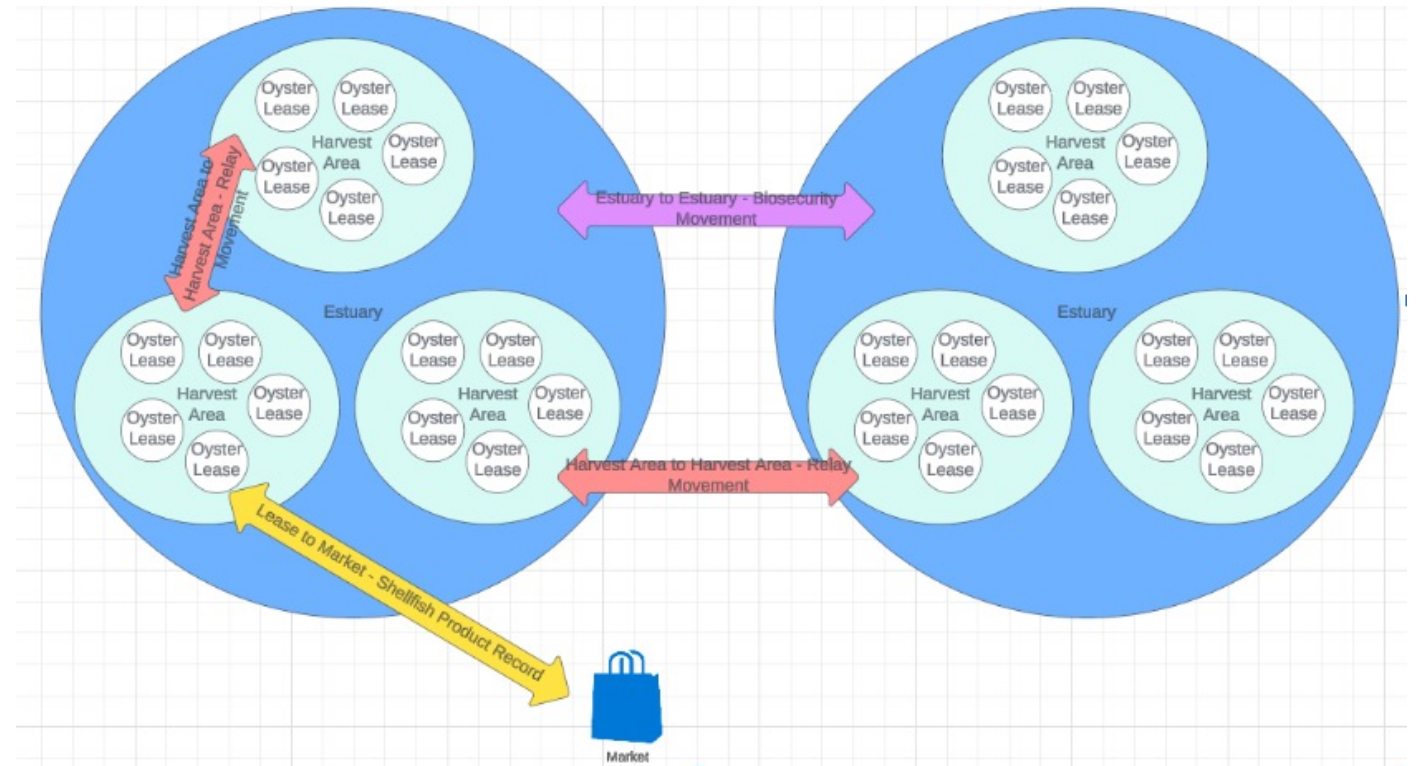
NSW
GOVERNMENT

Oyster Shipments Project

2

Oyster Movement options

Oyster farmers must report on 3 different types of movements:

- From estuary to estuary – address biosecurity risks – specifically POMS and QX disease

- From harvest area to harvest area – address food safety risks

- From lease to market – address food safety risks

Oyster Shipments Project

Objective

Increase compliance rates of reporting across NSW by improving the customer and digital experience.

$58.2m
Oyster industry

353
Fisheries issued aquaculture permit holders

550-600
Shipments per year

481
Use IVR

100
paper

Solution

3

Solution

Existing Byte system

- Already was repository for estuary, lease and permit data from Fisheries

- Added Estuary Biosecurity risk data

- Added Oyster shipment data

Rules as Code engine

- Built by DCS

- Moved under BFS management

- Configurable business rules to check if movement is allowed or not, or what conditions might apply
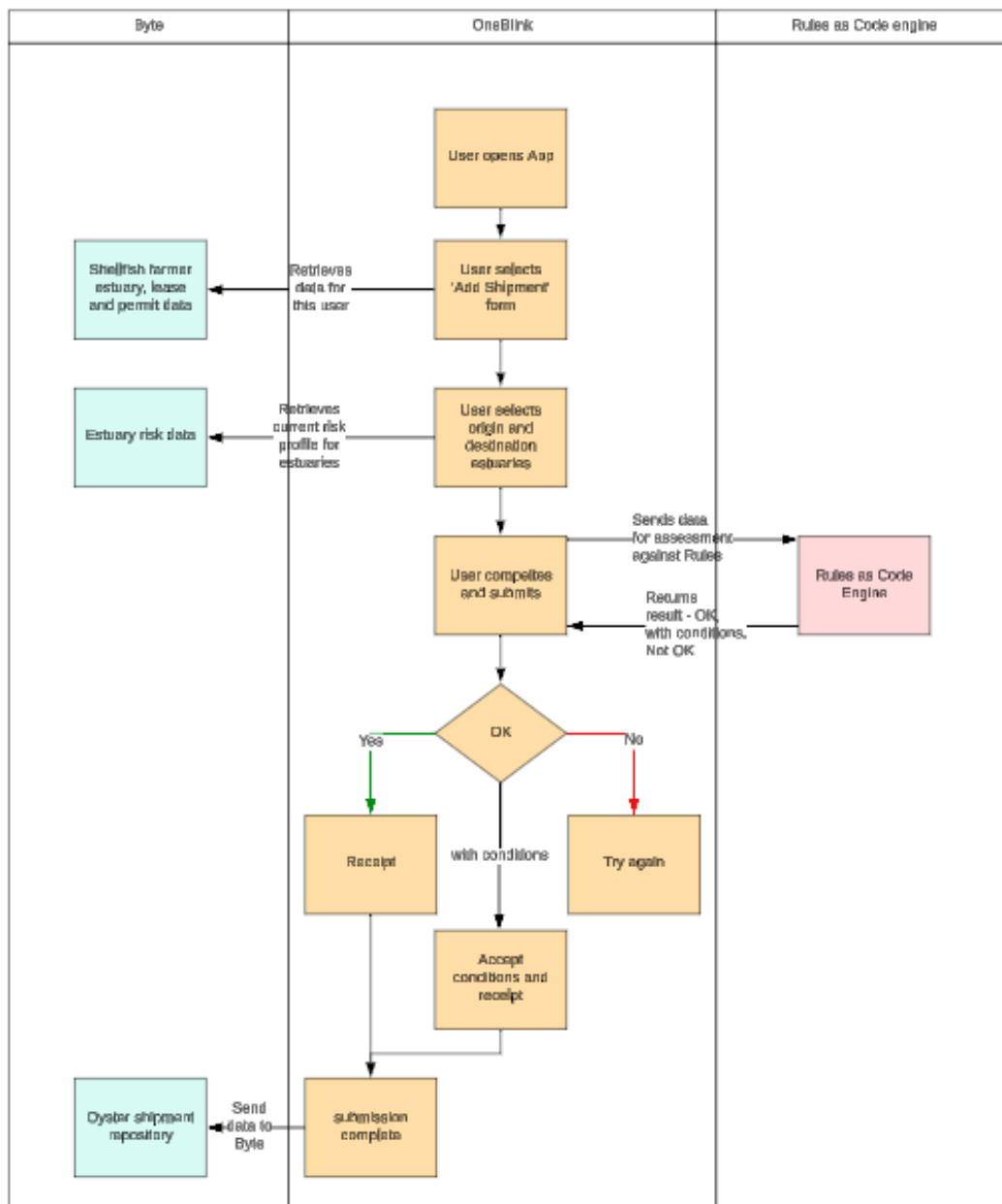
Solution

- New Shellfish App

- Add Shipment form

    - Started with a POC
    - Submit info about intended movements
    - Real time status retrieval for estuaries and leases (via API)
    - Integrate with Rules as Code engine – real time result and movement approval
    - OneBlink integrating with Byte APIs and Rules as Code engine
    - **First DPI app to be delivered utilising all out of the box functionality**
    - Farmers are adding Shipments before the shipment happens
    - Delivered by end of June and go live in Pilot on 10 July 2023

- Shipment history added to view past and edit future shipments

- Currently working on extending the app to include a form for the lease to market (product record) reporting.

Demo

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Shellfish App

Calls several APIs to retrieve data from backend system – permits, estuaries, leases

Shipment origin

Select the origin Aquaculture permit*
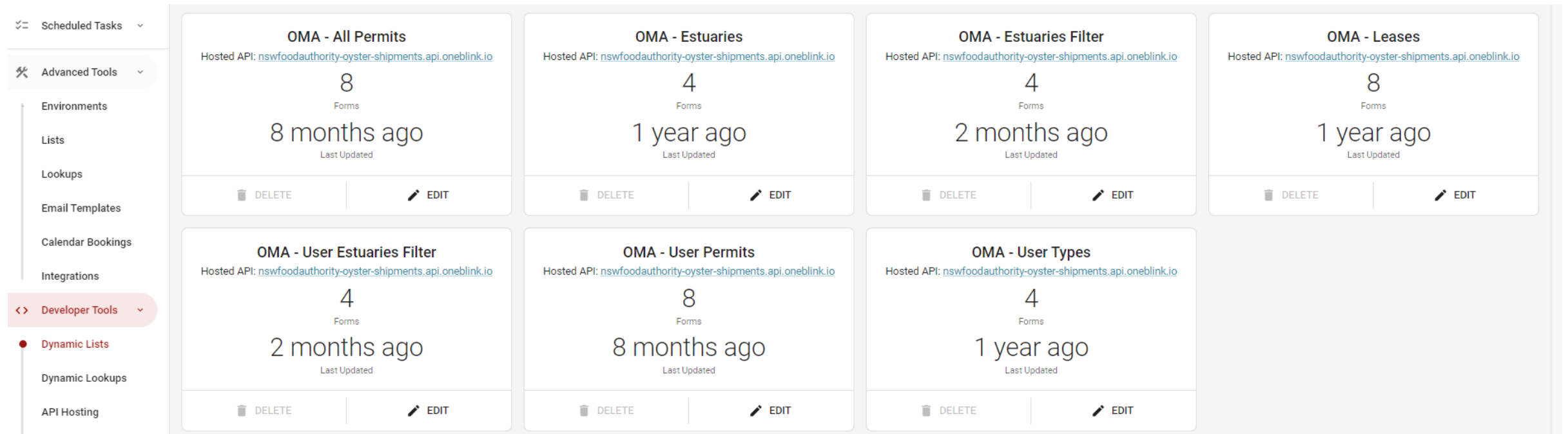
Select origin lease or estuary*

If lease number not appropriate (e.g. shipping from land-based storage), select shipment origin estuary

◯ Origin Aquaculture lease

OR

⦿ Origin estuary (within NSW)

Origin estuary (within NSW)*

Shipment origin

Select the origin Aquaculture permit*

AP2636 ██████████ ✓

Select origin lease or estuary*

If lease number not appropriate (e.g. shipping from land-based storage), select shipment origin estuary

◯ Origin Aquaculture lease

OR

⦿ Origin estuary (within NSW)

Origin estuary (within NSW)*

Please choose ⌄

| Please choose |
| Camden Haven |
| Manning River |
| Port Stephens |
| Wallis Lake |

Uses Dynamic lists

Displays risks of each estuary using CSS Class

Label *
Origin estuary: risks

Content *

Insert Element ▾   Normal ⇕   **B** *I* U A̲ ≔ ≔ ≣ 🔗 🖾 𝐼ₓ

Estuary Risks

POMS {ELEMENT:Origin_POMS_Disease_Presence}

QX {ELEMENT:Origin_QX_Disease_Risk}

Pacific Oyster {ELEMENT:Origin_PO_Movement_Risk}

❓ HELP

Origin estuary (within NSW)*

Brisbane Water ⌄

Estuary Risks   POMS Not Present   QX Low Risk   Pacific Oyster High Risk

☑ Show Conditionally

Match ALL Match ANY

Only Show When *
Origin_POMS_Disease_Presence ▾   Is * not empty ▾ 🗑

Only Show When *
Origin_QX_Disease_Risk ▾   Is * not empty ▾ 🗑

Only Show When *
Origin_PO_Movement_Risk ▾   Is * not empty ▾ 🗑

ADD ANOTHER RULE

ADVANCED ⌃

Name *
Origin_estuary_risks

CSS Classes
estuary-risks ⊗

Type and press 'Enter' to add a new CSS class.

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Review & Declaration

Shipment type
Stock

Shipment date
19/07/2024 2:11 pm

Aquaculture permit
AP2514 ███████████████ Pty Ltd)

Shipment source
Brisbane Water

Shipment destination permit
AP1025 █████████)

Shipment destination
Camden Haven

Catching material
No

☑ I hereby declare that all information provided on this form is true and correct.

☑ I understand that information about how Department of Primary Industries handles personal information (including how they collect, use and disclose my information) is available in the Oyster Shipments Privacy Collection Notice.

Privacy Collection Notice

‹ Back

💾 Save for Later   Cancel   Submit

Review page uses summary elements

On submit uses server-side validation to call Rules as Code engine

Validation

Configure an API endpoint for the form to validate against. The endpoint will be called twice: once prior to submiss

LEARN MORE ↗

[A Custom URL | ⅄ Hosted API | Off]

Hosted API *
https://nswfoodauthority-oyster-shipments-dev.api.oneblink.io

Route *
/validation/add-new-shipment

Secret
OMA Validation Secret

Messaging on failure when checked against Rules as Code engine

Stop!

Oysters of this size need to be culled prior to movement.

This shipment of unculled oysters is from a high or medium Pacific Oyster risk estuary to a lower Pacific Oyster risk estuary.

All oysters in the consignment must have a shell height no greater than the size limit outlined in Part 2 Division 3 of the Fisheries Management (Aquaculture) Regulation 2017 (for Pacific oysters <50mm, all other oyster species <25mm).

Okay

Stop!

It is too late to report this shipment.

You must submit this form at least:

- 48 hours before shipment if moving from a higher to a lower risk area.
- 2 hours before shipment for other movements.

For information on alternative ways to report a shipment and current movement restrictions, see the Department of Primary Industries website.

Okay

Messaging and submission on success

Messages rendered using receipt config

Nicely formatted pdf – uses exclude by css class

- OOTB PDF using exclude elements by CSS Classes

- Uses Webhook hosted API to submit data to backend system.

Shipment history

Standard filters

Shipment History

Shipment number

Shipment number

From Shipment Date

17/06/2024 2:32 PM	📅

To Shipment Date

31/07/2024 2:32 PM	📅

Advanced Filters ⌄

Sort by

Date: New to old	⌄

🔍 **Search**

ℹ️ Click the Search button above to refresh your list of shipments

Advanced filters

Shipment History

Shipment number

Shipment number

From Shipment Date

17/06/2024 2:32 PM	📅

To Shipment Date

31/07/2024 2:32 PM	📅

Advanced Filters ⌃

Origin Permit

Origin Permit

Destination Permit

AP1025 ▮▮▮▮▮	✓

Origin Estuary

Origin Estuary

Destination Estuary

Destination Estuary

Origin Lease

Origin Lease

Destination Lease

Destination Lease

Search retrieves data from backend system

View and download previous shipments
Enables edit or cancel future dated shipments

Shipment Details

Shipment reference
DONS015939

Shipment number
99WRFE

Shipment type
Stock

Shipment date
04/07/2024 3:08 pm

Aquaculture permit
AP2514 - ▮▮▮▮▮▮▮▮▮
Pty Ltd - 100.00% Allocated

Shipment origin
AL05/008 - Lower Limeburners Creek -
100.00% Allocated

Shipment destination permit
N/A

Shipment destination
Test1 (SA)

Are you shipping spat?
No

Are oysters culled?
No

Size of oysters
25mm or smaller

Species
Sydney Rock Oysters

Quantity (Dozen)
10

Catching material
Yes

> ℹ The download button will expire at 17/07/2024 3:08 pm

[⬇ Download]

Shipment Details

Shipment reference
DONS015953

Shipment number
7HFHXY

Shipment type
Stock

Shipment date
20/07/2024 2:11 pm

Aquaculture permit
AP2514 - ▮▮▮▮▮▮▮▮▮
Pty Ltd - 100.00% Allocated

Shipment origin
Brisbane Water

Shipment destination permit
AP1025 - ▮▮▮▮▮▮▮ 100.00% Allocated

Shipment destination
Camden Haven

Are you shipping spat?
No

Are oysters culled?
Yes

Size of oysters
Between 26mm - 49mm

Species
Sydney Rock Oysters

Quantity (Dozen)
300

Catching material
No

> ℹ The download button will expire at 17/07/2024 3:09 pm

[✎ Edit shipment] [🗑 Cancel shipment] [⬇ Download]

Enables edit or cancel future dated shipments

Edit Shipment

Shipment reference
DONS015953

Shipment number
7HFHXY

Shipment type
Stock

Shipment date
20/07/2024 2:11 pm

Aquaculture permit
AP2514 - ██████████
Pty Ltd - 100.00% Allocated

Shipment origin
Brisbane Water

Shipment destination permit
AP1025 - ██████████

Shipment destination
Camden Haven

Are you shipping spat?
No

Are oysters culled?
Yes

Size of oysters
Between 26mm - 49mm

Species
Sydney Rock Oysters

Quantity (Dozen)
300

Catching material
No

New Shipment Details

> ℹ️ **Shipment date can only be updated to 48 hours to 2 weeks from the current time.** If you wish to update to a date outside this time period, please contact Aquatic Biosecurity.

What is the expected date and time for the shipment*

| 20/07/2024 2:11 PM | 📅 |

Quantity (Dozen)*

| 300 | # |

Cancel Shipment

🗑️

Are you sure you wish to cancel shipment 7HFHXY?
Once cancelled, this action can't be undone.

Shipment reference
DONS015953

Shipment number
7HFHXY

Shipment type
Stock

Shipment date
20/07/2024 2:11 pm

Aquaculture permit
AP2514 - ██████████ s
Pty Ltd - 100.00% Allocated

Shipment origin
Brisbane Water

Shipment destination permit
AP1025 - ██████████ ted

Shipment destination
Camden Haven

Are you shipping spat?
No

Are oysters culled?
Yes

Size of oysters
Between 26mm - 49mm

Species
Sydney Rock Oysters

Quantity (Dozen)
300

Catching material
No

[Close] [Cancel Shipment]

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Uses several forms to deliver what seems to be two areas of functionality

Add New Shipment OMShip	oyster movement live
Cancel Shipment Cancel an oyster movement shipment	oyster movement live
Edit Shipment Edit shipment date and quantity for a single shipment	oyster movement live
Shipment Details Display details about a shipment with actions	oyster movement live
Shipment History Allows filtering a list of historic shipments	oyster movement live
Shipment Summary Display summary information about a shipment	oyster movement live

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