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Waters of LIFE Advisor Training

Module 4: Run Off Risk Assessment

May 2025

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1. What is the Run Off Risk Assessment (RORA)?
2. Desktop Overview
3. In field assessment
4. Observed vs Potential Risk
5. The Farmyard
6. Exercise

WHAT IS THE RUN OFF RISK ASSESSMENT?

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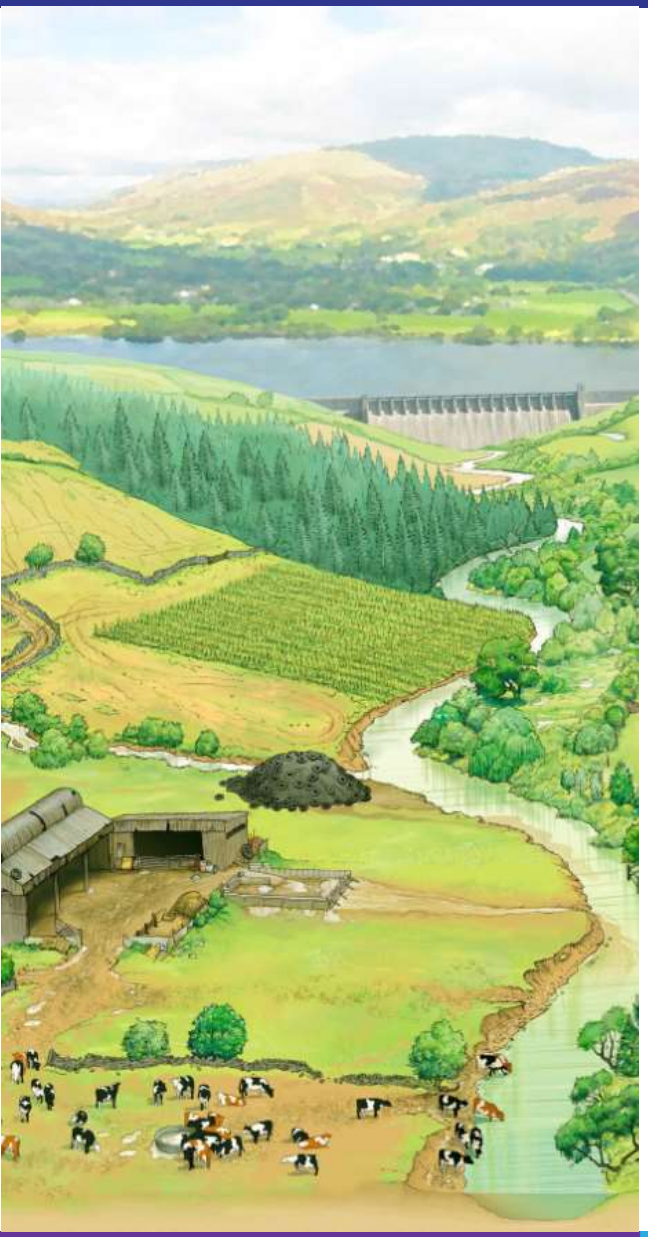

- Whole farm assessment
- Find S-P-R to intercept
- Ensure that the right action is funded in the right place.
- Completed by Farmer and Farm Advisor Walking Farm Together
- Knowledge Exchange between both

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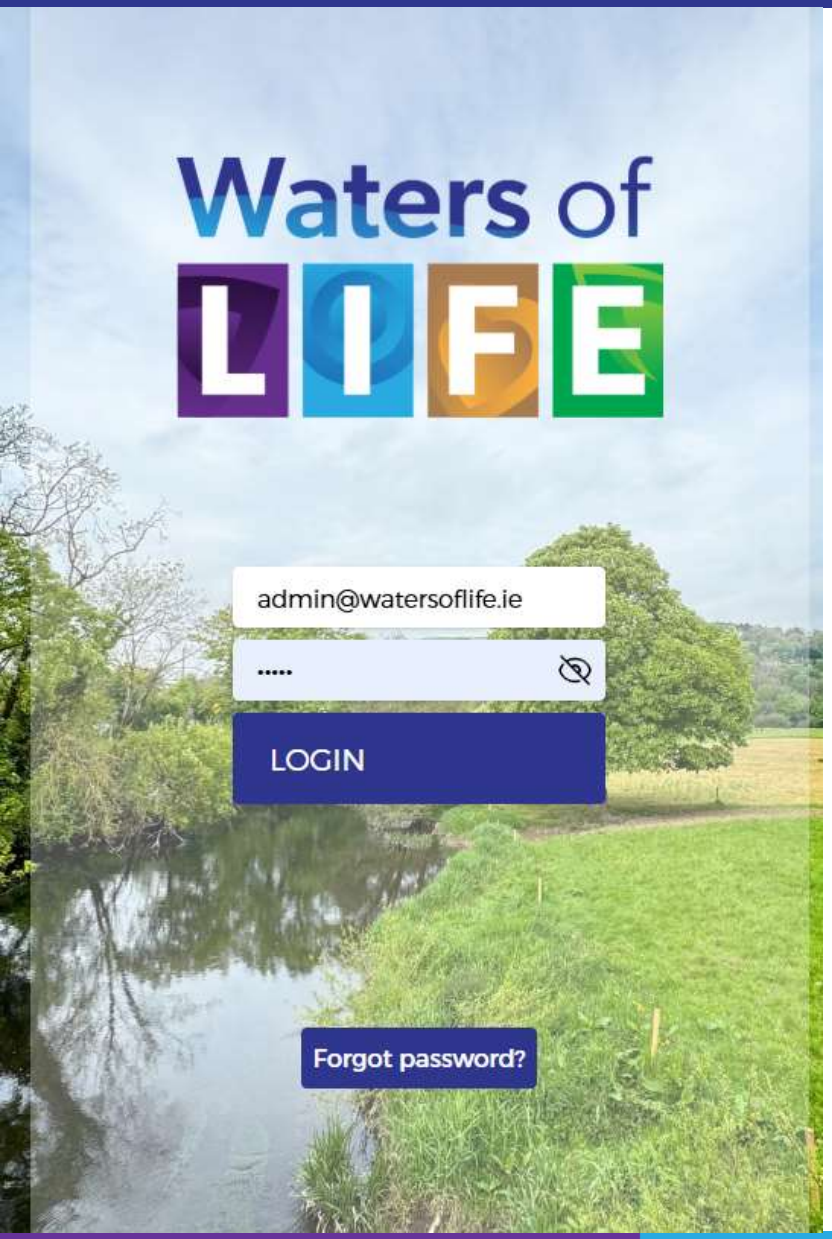

- First look at the farm
- Overview of all plots in the scheme
- Shows all available desktop information on the farm
- Includes Points of Interest and Farmyard Locations where available
- Can be edited before field assessment

DESKTOP ASSESSMENT

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Farmers

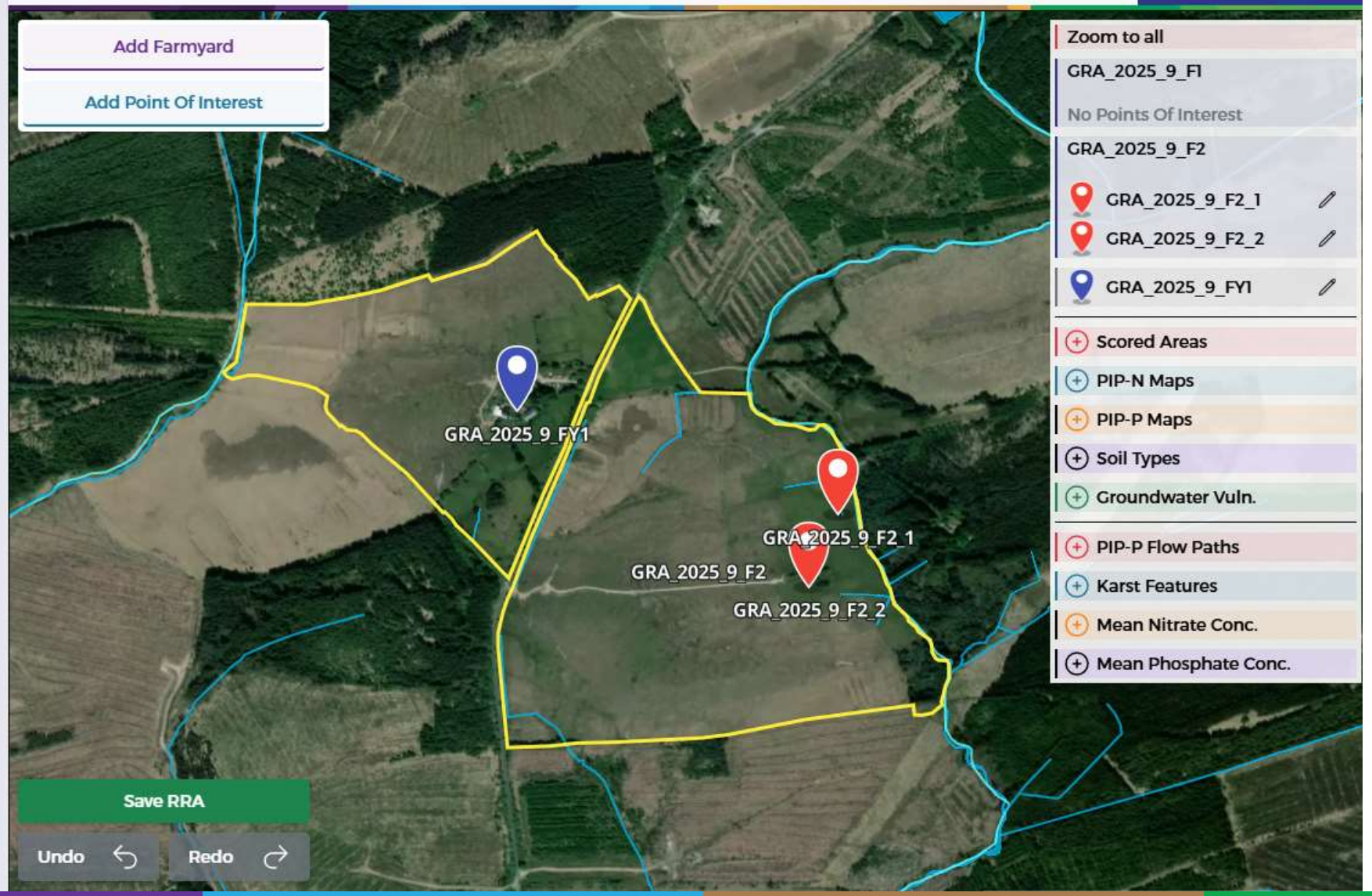
Scorecards

Payments

Users

Farmer name (GRA_2025_9) - Farmer Address

WOL Admin
ADMIN



Zoom to all

GRA_2025_9_F1

No Points Of Interest

GRA_2025_9_F2

GRA_2025_9_F2_1

GRA_2025_9_F2_2

GRA_2025_9_FY1

Scored Areas

PIP-N Maps

PIP-P Maps

Soil Types

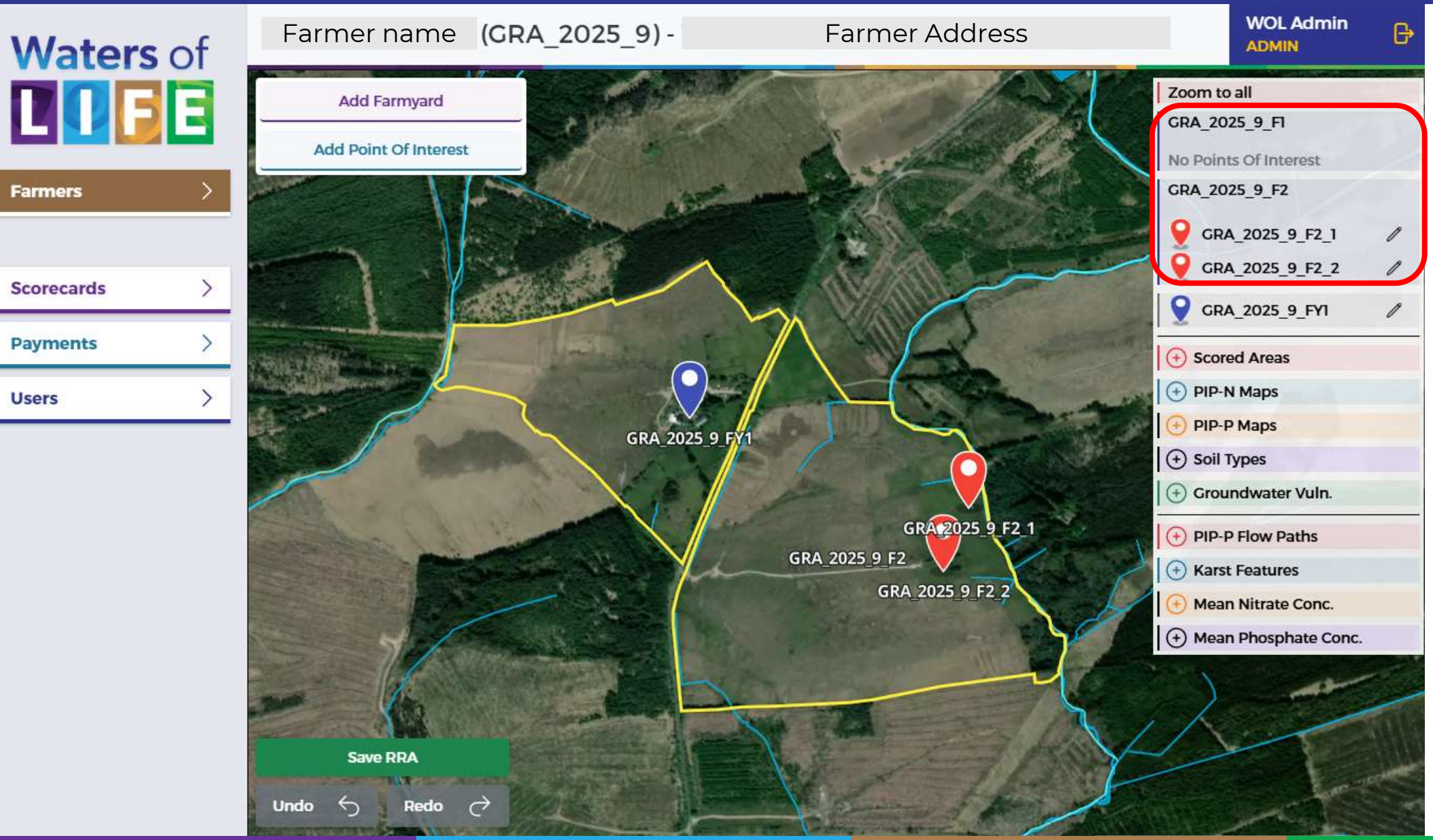
Groundwater Vuln.

PIP-P Flow Paths

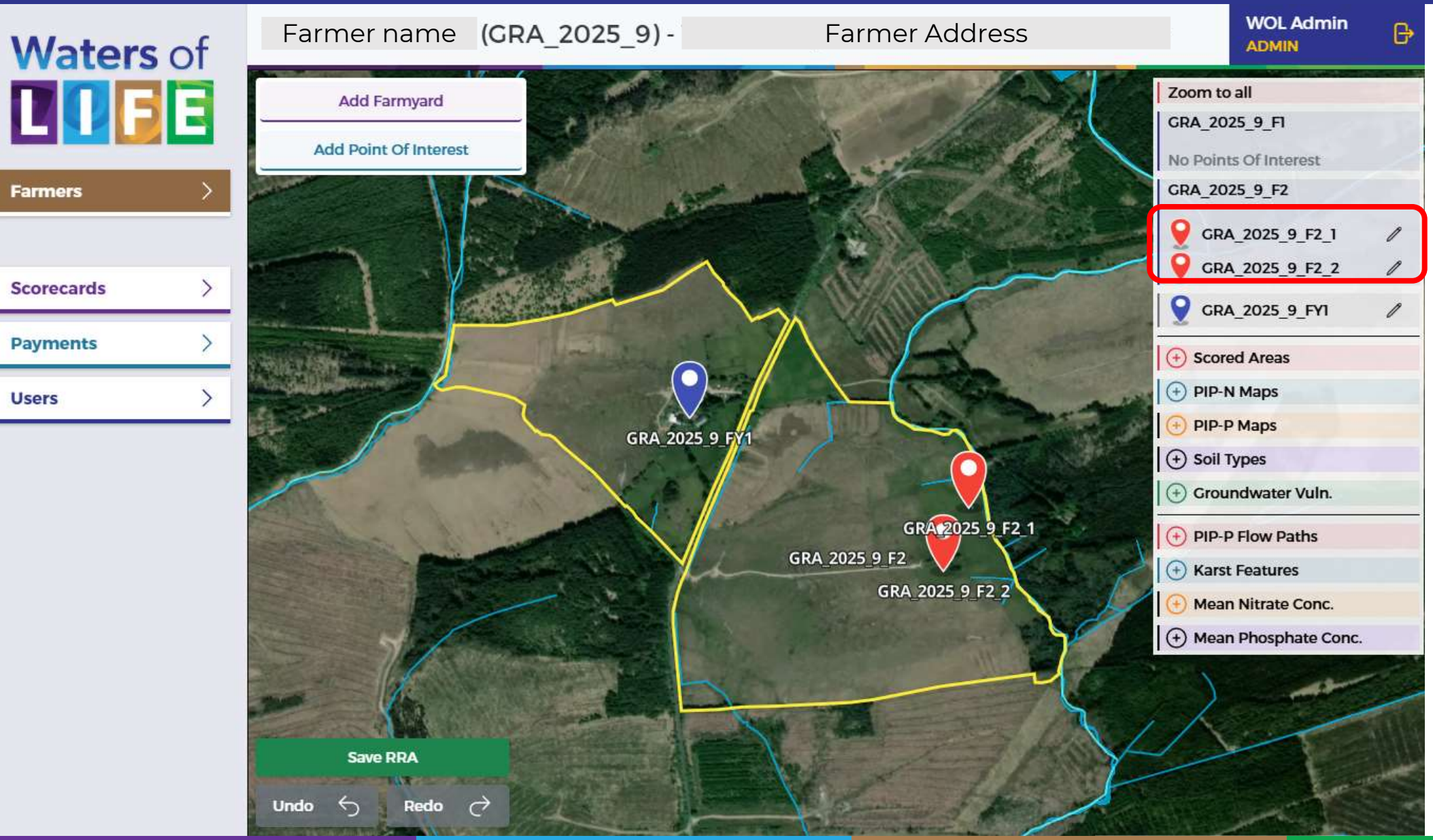
Karst Features

Mean Nitrate Conc.

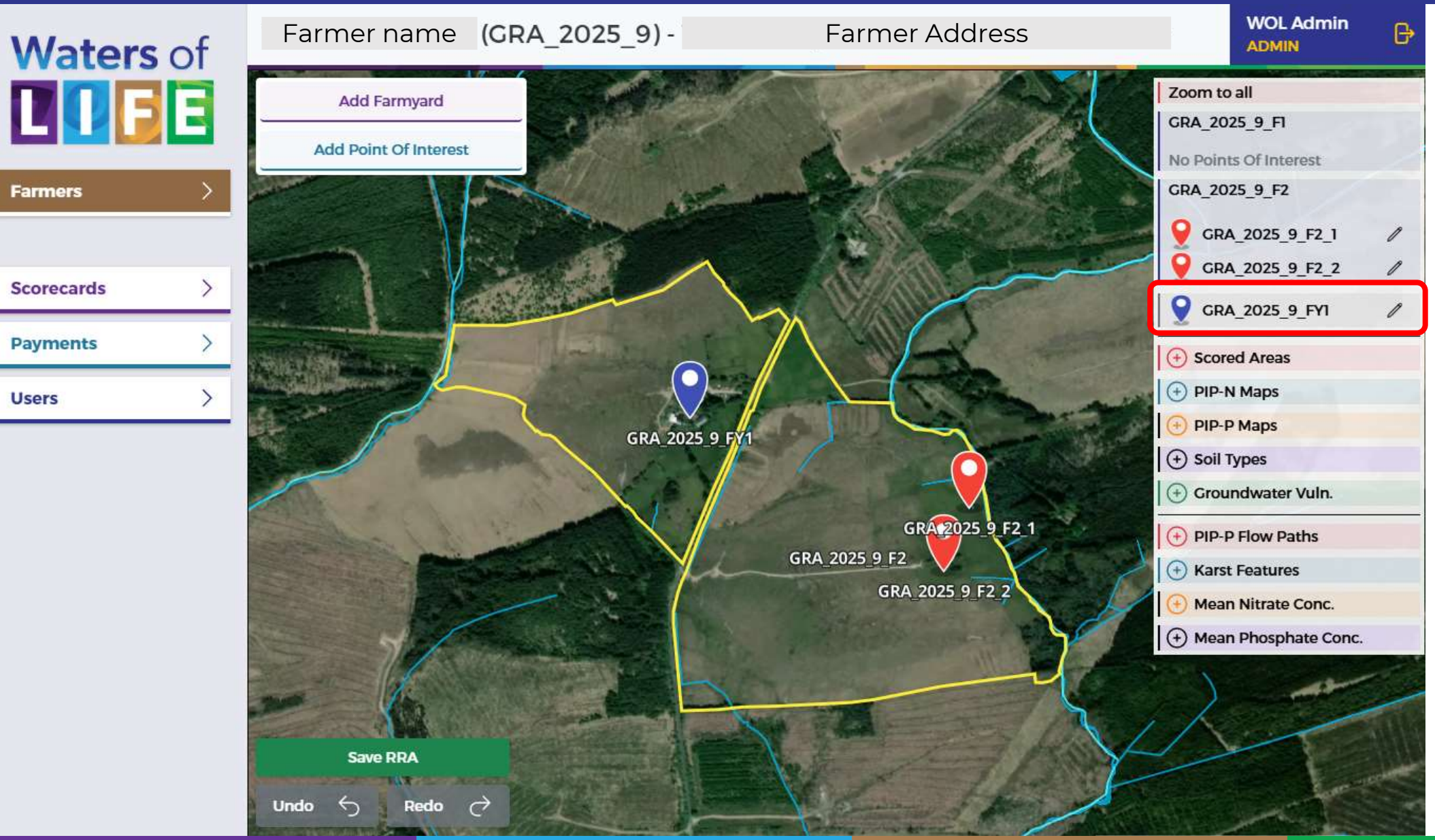
Mean Phosphate Conc.


Waters of LIFE
Farmers
Scorecards
Payments
Users
Farmer name (GRA_2025_9) - Farmer Address
WOL Admin
ADMIN
Add Farmyard
Add Point Of Interest
Zoom to all
GRA_2025_9_F1
No Points Of Interest
GRA_2025_9_F2
GRA_2025_9_F2_1
GRA_2025_9_F2_2
GRA_2025_9_FY1
Scored Areas
PIP-N Maps
PIP-P Maps
Soil Types
Groundwater Vuln.
PIP-P Flow Paths
Karst Features
Mean Nitrate Conc.
Mean Phosphate Conc.
GRA_2025_9_FY1
GRA_2025_9_F2_1
GRA_2025_9_F2
GRA_2025_9_F2_2
Save RRA
Undo
Redo

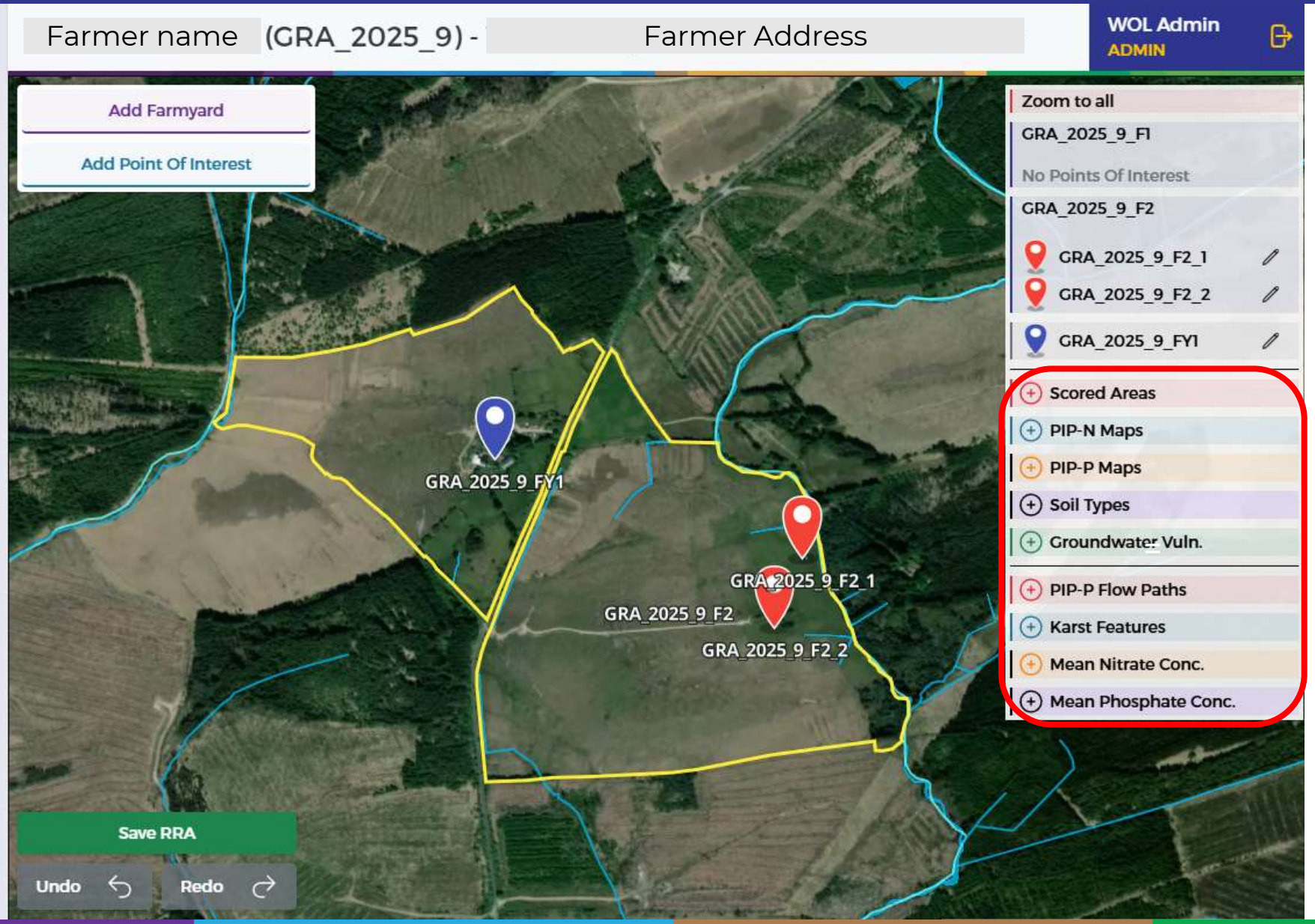
Flow Unit



Point of Interest


Waters of LIFE
Farmers
Scorecards
Payments
Users
Farmer name (GRA_2025_9) - Farmer Address
WOL Admin
ADMIN
Add Farmyard
Add Point Of Interest
Zoom to all
GRA_2025_9_F1
No Points Of Interest
GRA_2025_9_F2
GRA_2025_9_F2_1
GRA_2025_9_F2_2
GRA_2025_9_FY1
Scored Areas
PIP-N Maps
PIP-P Maps
Soil Types
Groundwater Vuln.
PIP-P Flow Paths
Karst Features
Mean Nitrate Conc.
Mean Phosphate Conc.
GRA_2025_9_FY1
GRA_2025_9_F2_1
GRA_2025_9_F2
GRA_2025_9_F2_2
Save RRA
Undo
Redo

Farm yard



Additional info we have covered

DESKTOP ASSESSMENT

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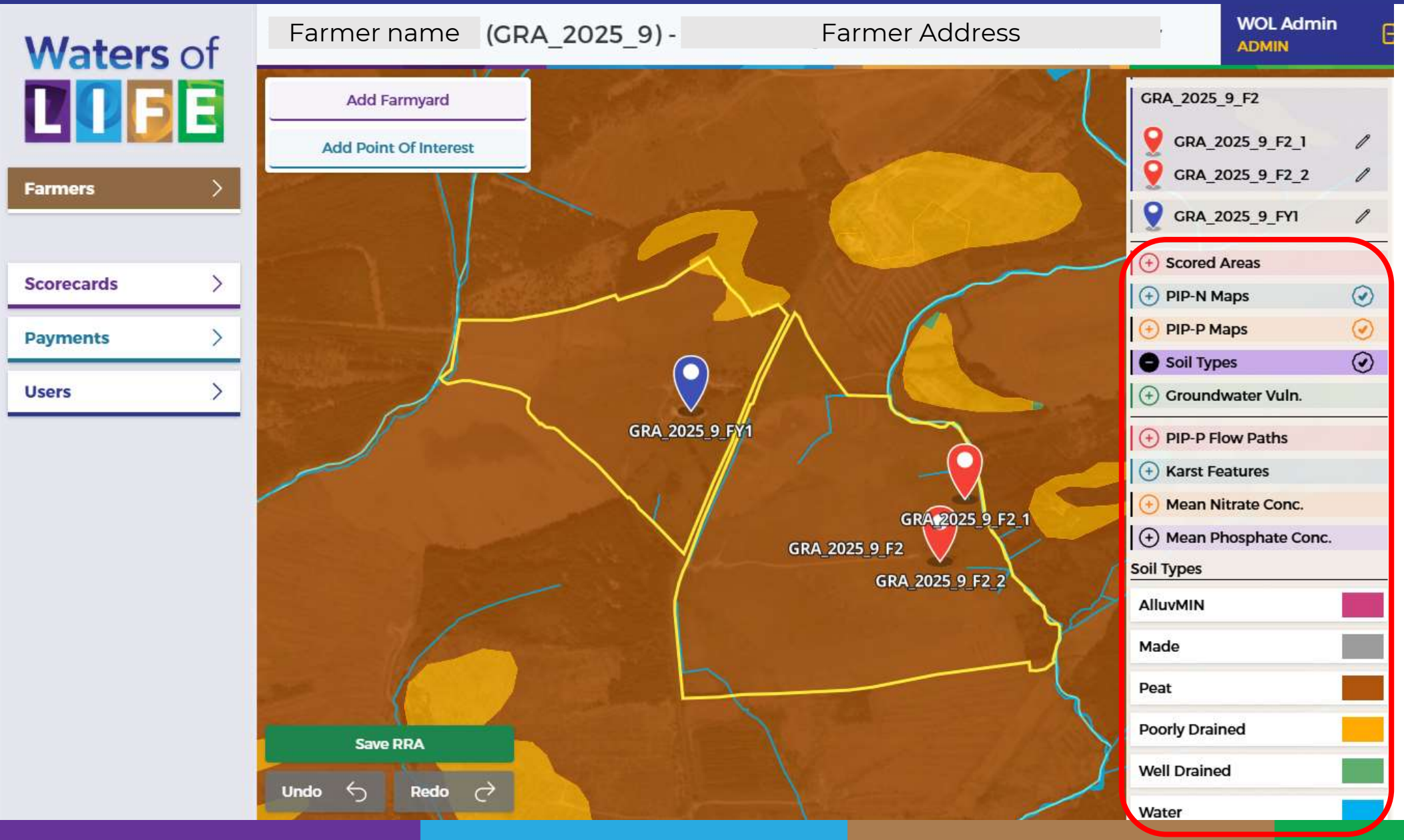

Additional info we have covered

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- To be completed with the farmer – best source of information.
- Visit each flow unit targeting areas identified during the desktop assessment or by farmer.
- Keep source-pathway-receptor model in mind

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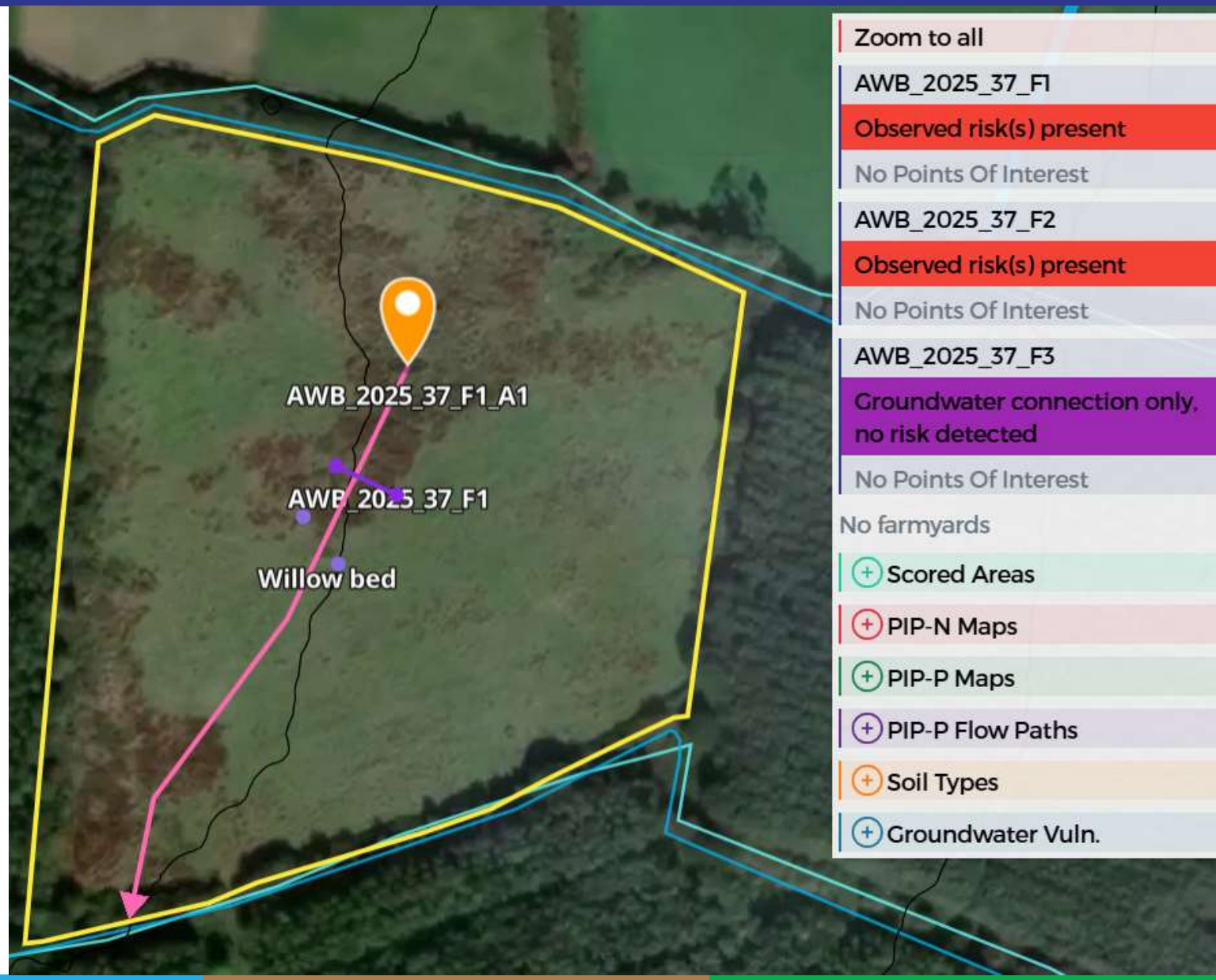
- Map source of pollutant first, following route it takes to nearest watercourse.
- Visit each flow unit, targeting identified areas
- Keep source-pathway-receptor model in mind



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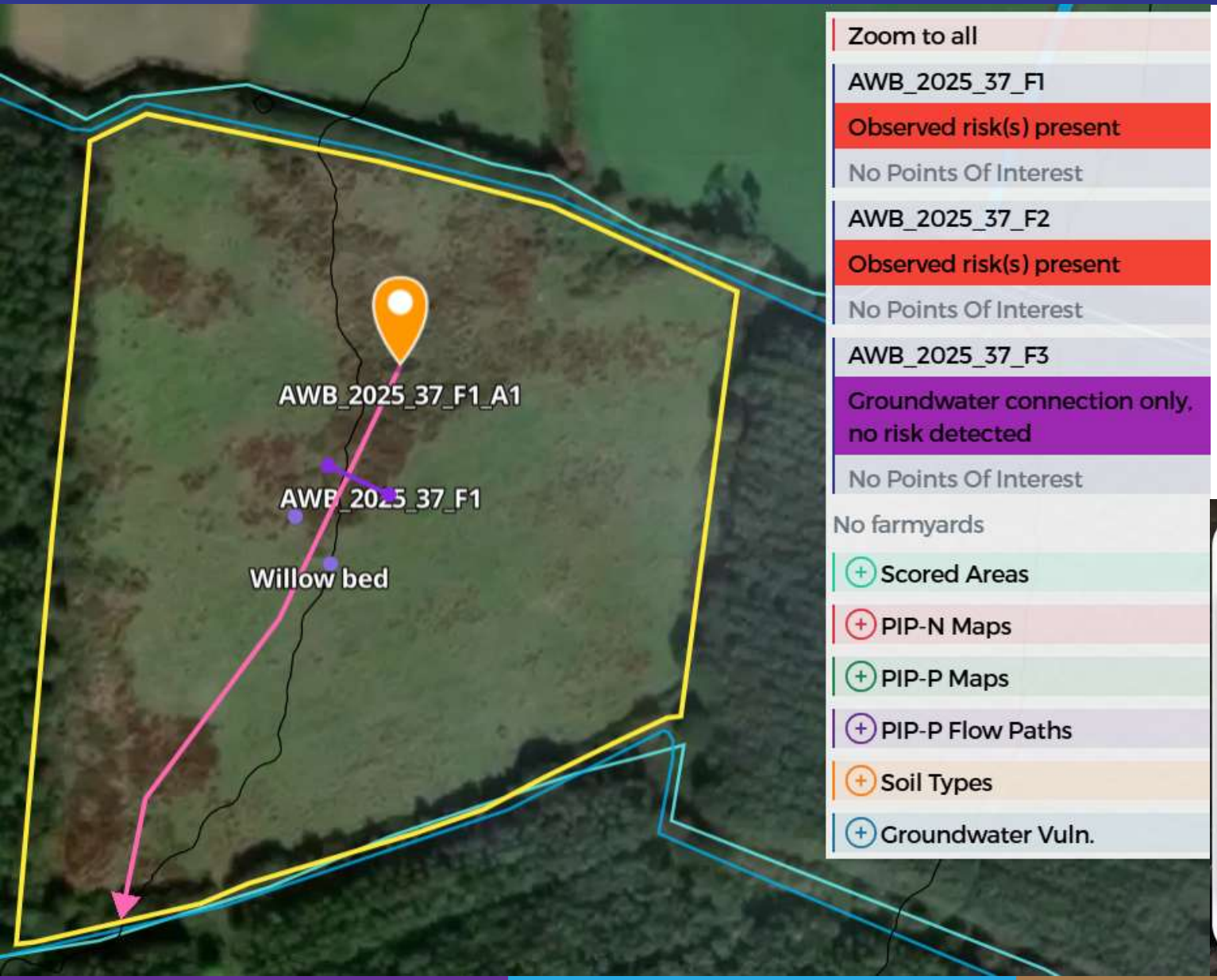
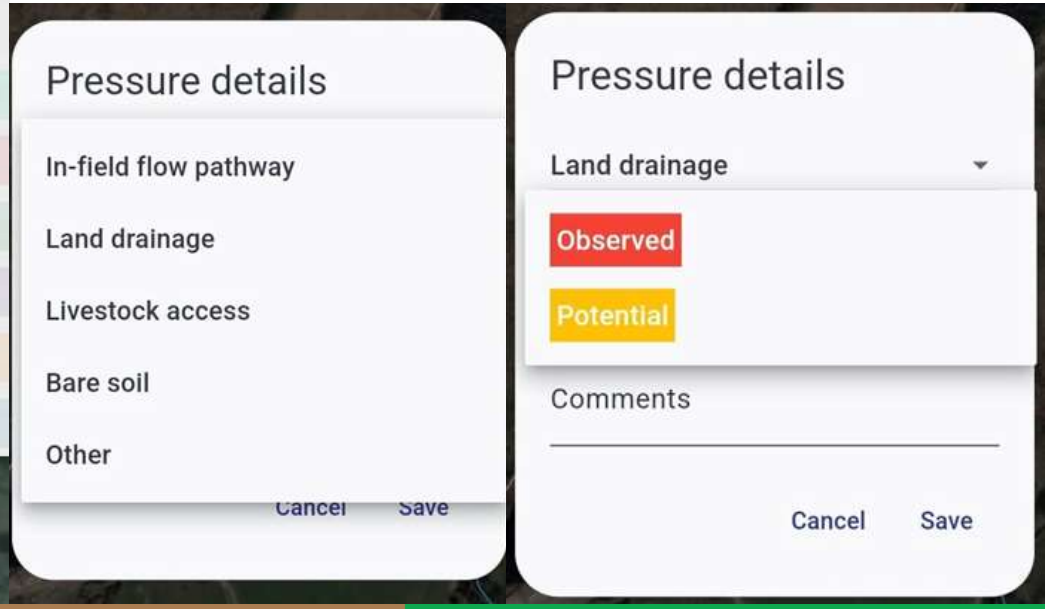


Zoom to all
AWB_2025_37_F1
Observed risk(s) present
No Points Of Interest
AWB_2025_37_F2
Observed risk(s) present
No Points Of Interest
AWB_2025_37_F3
Groundwater connection only, no risk detected
No Points Of Interest
No farmyards
Scored Areas
PIP-N Maps
PIP-P Maps
PIP-P Flow Paths
Soil Types
Groundwater Vuln.

Detail the type of pressure

Is it a Potential Risk or an Observed Risk?



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Select Pressure Risk Category

Observed Risk	Potential Risk
Clear Impact: major source + visible direct pathway present.	Likely Impact: minor source + impeded/direct pathway present OR possibility of future source + pathway occurring.

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Observed Risk

Large network of land drains excavated with no mitigation actions in place. Sediment discharging directly into the main river channel.

Potential Risk

Gateway to paddock close to river bank, gateway is sloping towards the river.
Small area of bare earth.
Farmer tells you that the gateway gets “Mucky” during the winter when he drives through it when feeding out silage.

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Exercise – What is the pressure and what is the risk?

Observed Risk	Potential Risk
Clear Impact: major source + visible direct pathway present.	Likely Impact: minor source + impeded/direct pathway present OR possibility of future source + pathway occurring.

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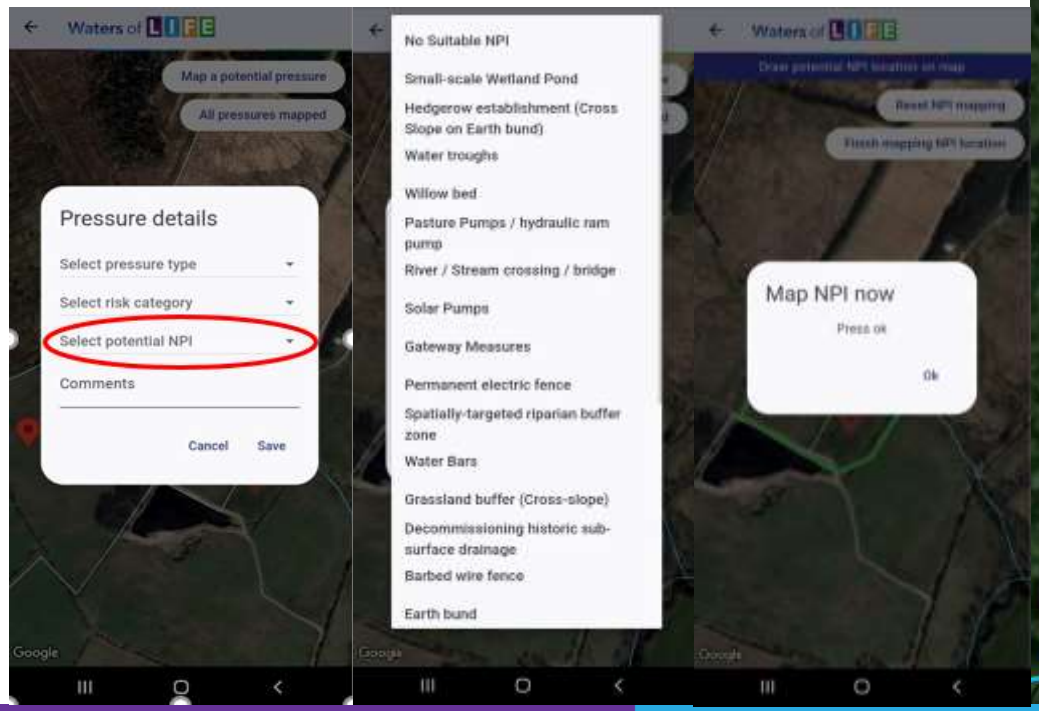
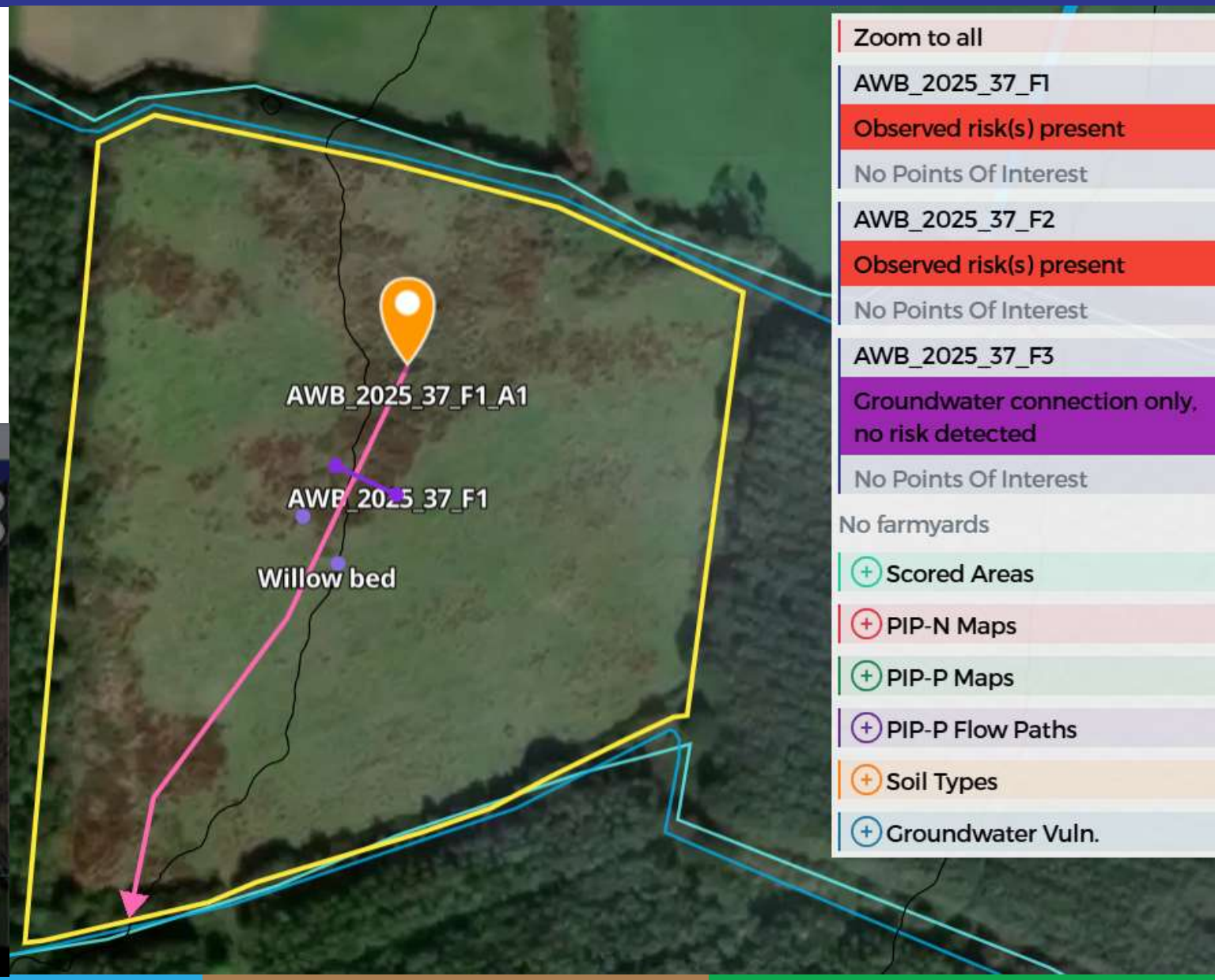
Add in supporting actions – stack them for best affect!

To be covered later





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Final check back at the office/PC and then submission!

Any supporting actions will be assessed by the WOL team, as described in later module.

Further training on app and completing RORA online at a later date

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- 5 minutes at your desk beforehand is worth an hour in the field
- Use all available information to complete runoff risk assessment
- Speaking to the farmer on the day is vital, for information and for buy in on actions
- Remember the Source –Pathway – Receptor model
- Right measure in the right place