

Flood Investigation Reports



Essex County Council

Flood Investigations

Section 19 of the Flood and Water Management Act 2010

- “On becoming aware of a flood in its area, a lead local flood authority must, to the extent that it considers it necessary or appropriate, investigate....”

ECC Criteria

- Where there is ambiguity surrounding the source or responsibility of a flood incident; AND
- Internal flooding of one property on more than one occasion; OR
- Internal flooding of five properties during one flood incident; OR
- Where there is a risk to life as a result of flooding.

Flood Investigation Process

1. Desktop Exercise;

- Environment Agency Flood Maps for Surface Water
- Check of drainage infrastructure – Anglian Water, Thames Water, Essex Highways, Environment Agency
- Consultation with RMA's – any known flood history?
- Local consultation – residents and/or Parish Council

2. Site Inspection;

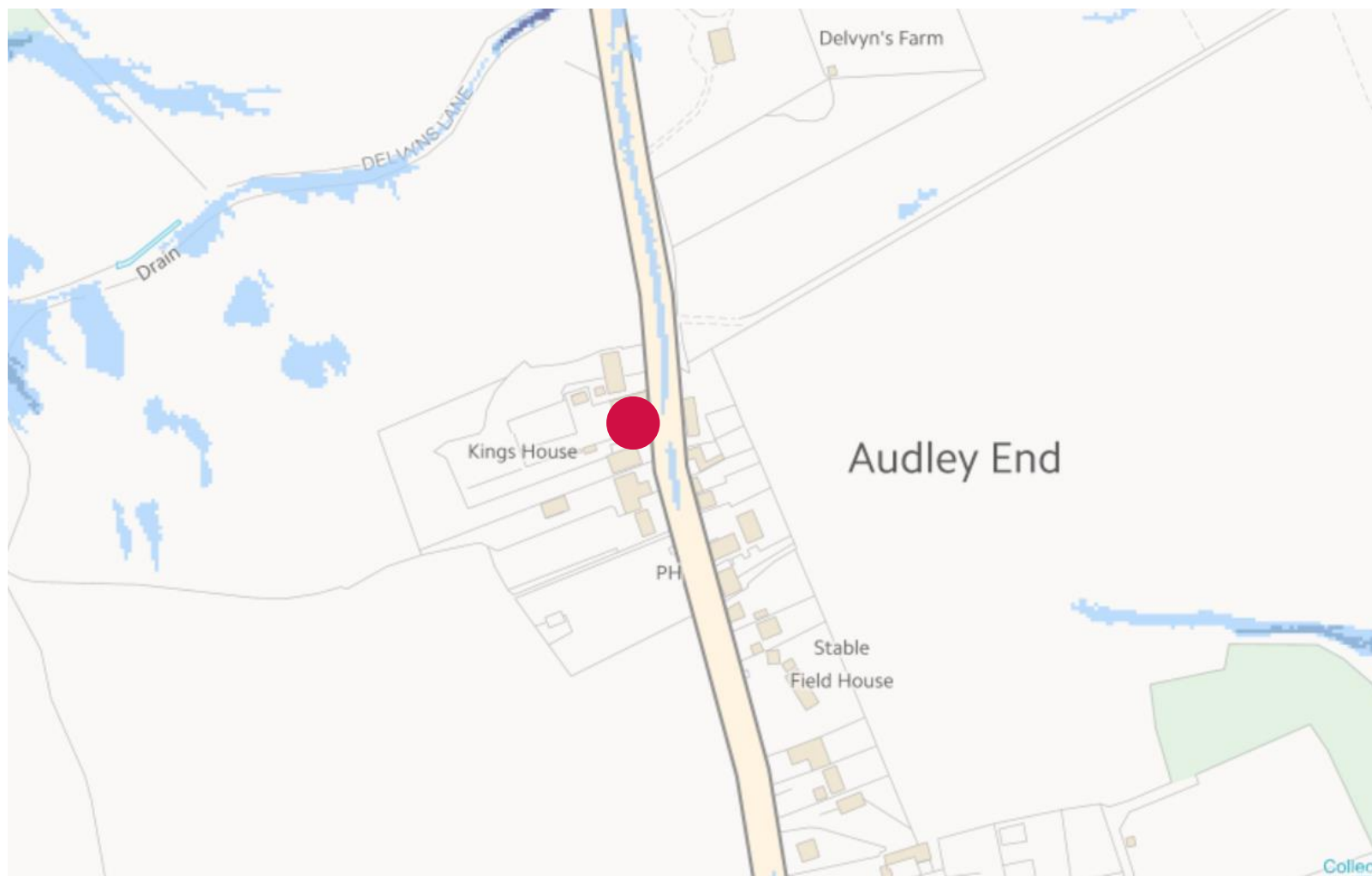
- Inspection of area, record asset details, photos

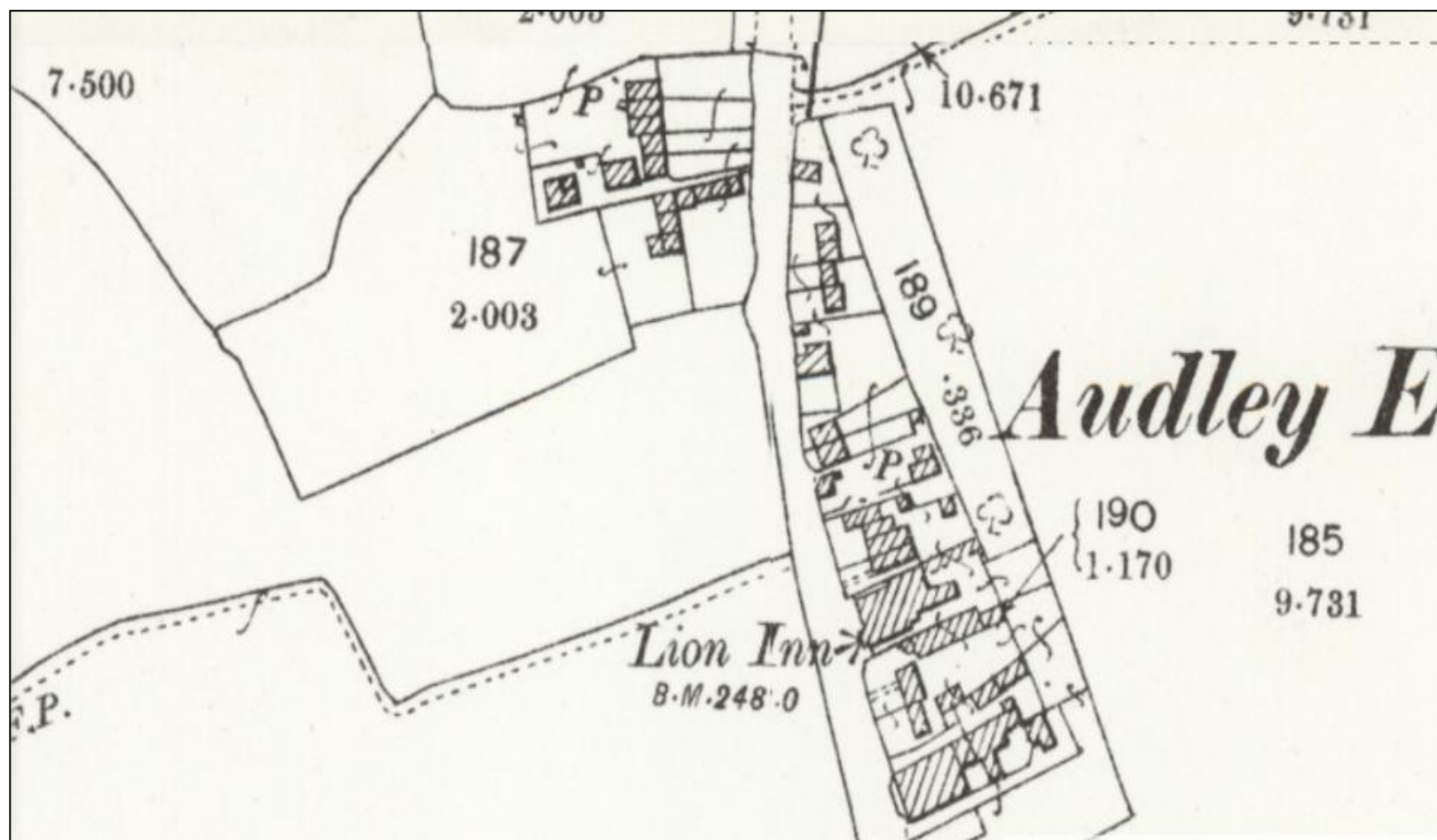
Flood Investigation Process

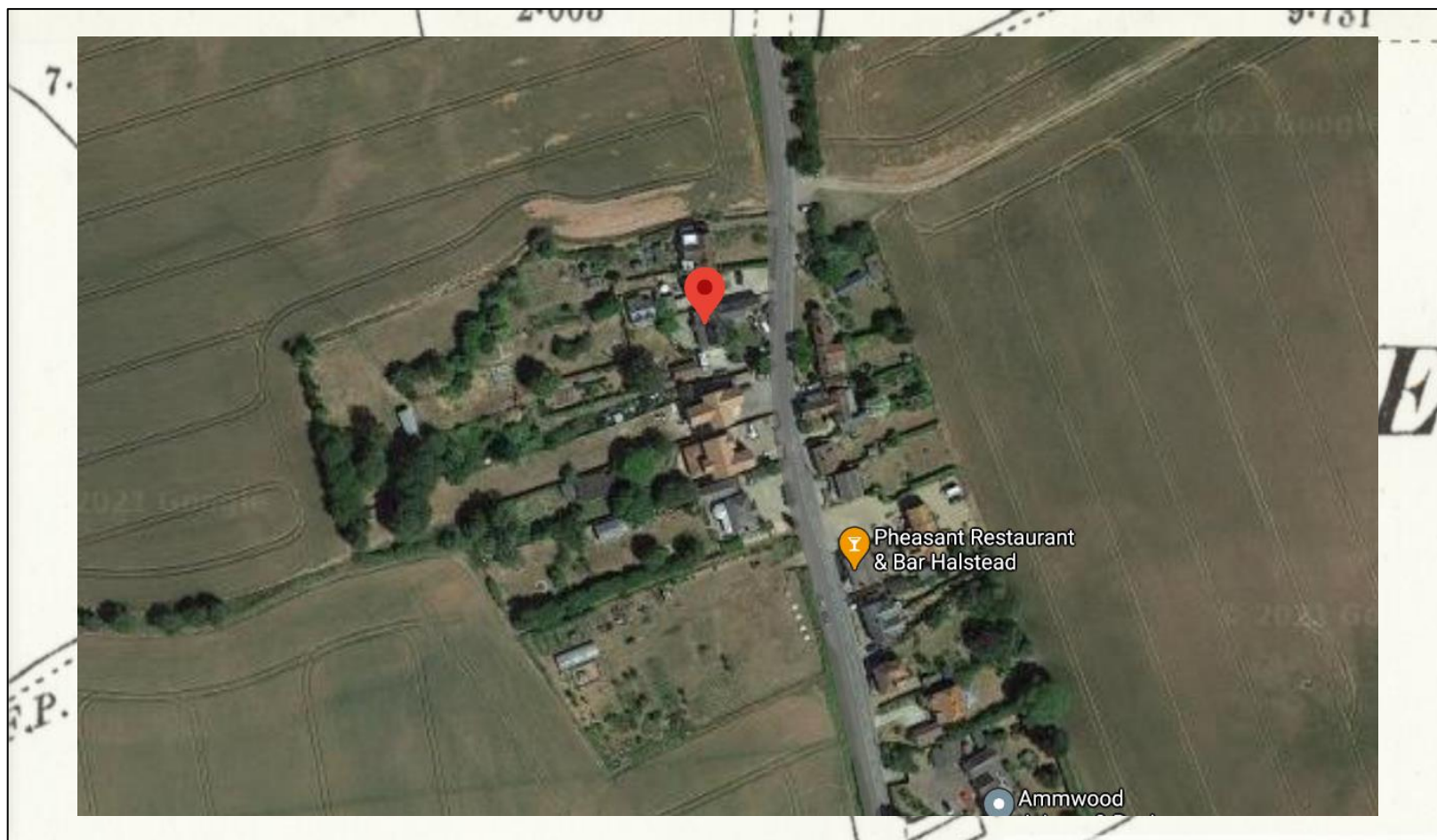
3. Decide whether the site meets the criteria for a S19 report
 - Liaise with Watercourse Regulation, other RMAs, landowners, highways
 - PFR grant
 - Capital Programme

Case Study





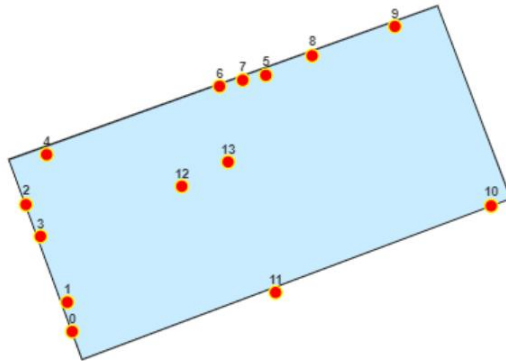






Actions

- Resident
 - PFR Grant Application
 - Inspect own assets



Actions

- ECC Flood Team
 - CCTV survey and jetting
 - Identified culvert and blockage
 - Undertaking enforcement
- ECC Highways
 - Gully cleanse
 - Emergency response



It's been a wet winter

2018

- 20 property flooding, 4 S19

2020

- 10 property flooding, 1 S19

2021 (only 6 weeks in!)

- 29 property flooding, 6 S19

Current S19 locations

- Audley End, Braintree
- Frating, Tendring
- Wickham St Paul, Braintree
- Vange, Basildon
- Tilbury Juxta Clare, Braintree
- Bures, Colchester

Any Questions?

Charlotte Palmer

Flood Investigation Engineer

Flood and Water Management Team

web: www.essex.gov.uk/flooding

email: charlotte.palmer@essex.gov.uk

tel: 03330 130279



Essex County Council