



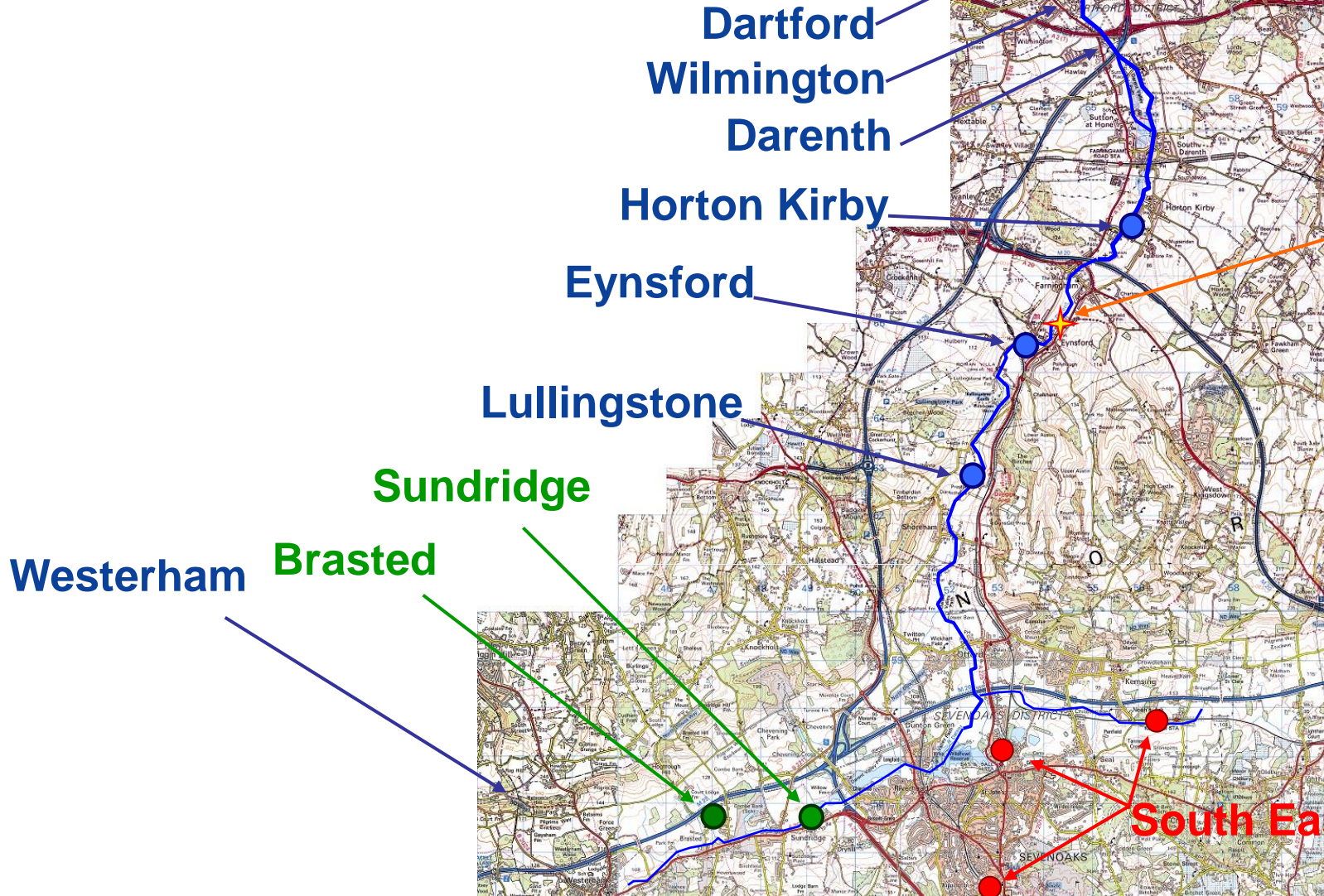
Thames Water and the Darent Action Plan

**Jamie Riches
(sincere apologies for non-attendance)
17 April 2013**

Where we were



Thames Water's Darent Valley Abstractions



Anthony
Roper
School

South East Water



Thames Water's part of Darent Action Plan

Phase 1 (1996)

- Chalk Boreholes reduce by 10 million litres per day (or water supply for 60,000 people)
 - Lullingstone
 - Eynsford
 - Horton Kirby
- Lower Greensand Boreholes reduce by 17 MI/d (or water supply for 105,000 people)
 - Brasted
 - Sundridge

Above supplies replaced by using treated water from the west London surface water sources

Phase 2 (Final delivery February 2013)

- Chalk Boreholes reduce by 18 million litres per day (or water supply for 110,000 people)
 - Eynsford
 - Horton Kirby

Replaced by developing new groundwater resource (Bean wellfield) and new Water Treatment Works (Lane End WTW)



Thames Water

The next five years

- Monitoring the benefit of the DAP
- Development of Aquifer Storage & Recovery at Horton Kirby
- Management of existing groundwater abstraction
- Open dialogue with Darent River Preservation Society

