

A UK landfill operator's experience of aerating old dilute and disperse landfills

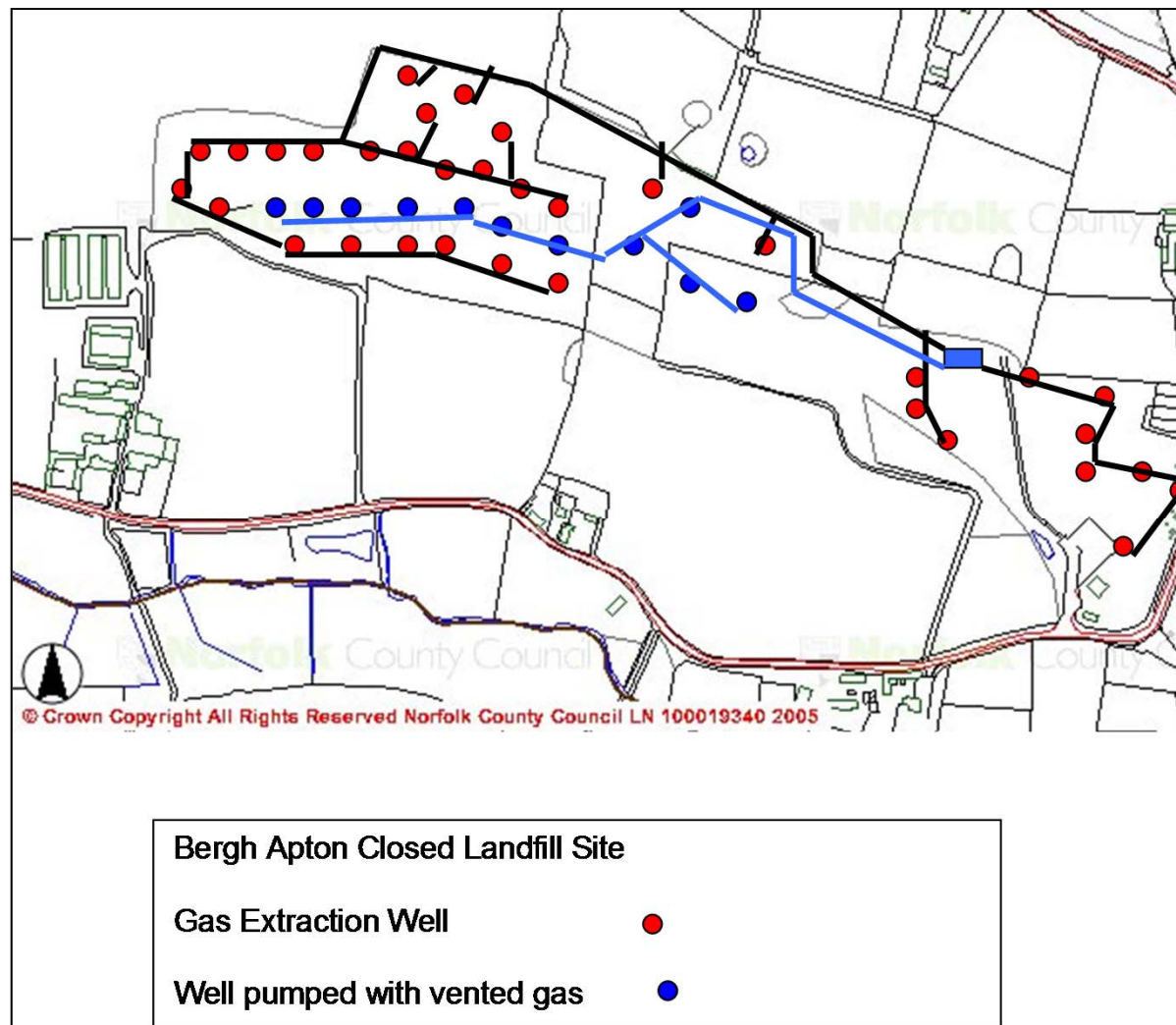
Des Holmes - Landfill Gas Officer
Charles Wright – Landfill Strategy Manager
Norfolk County Council

Background

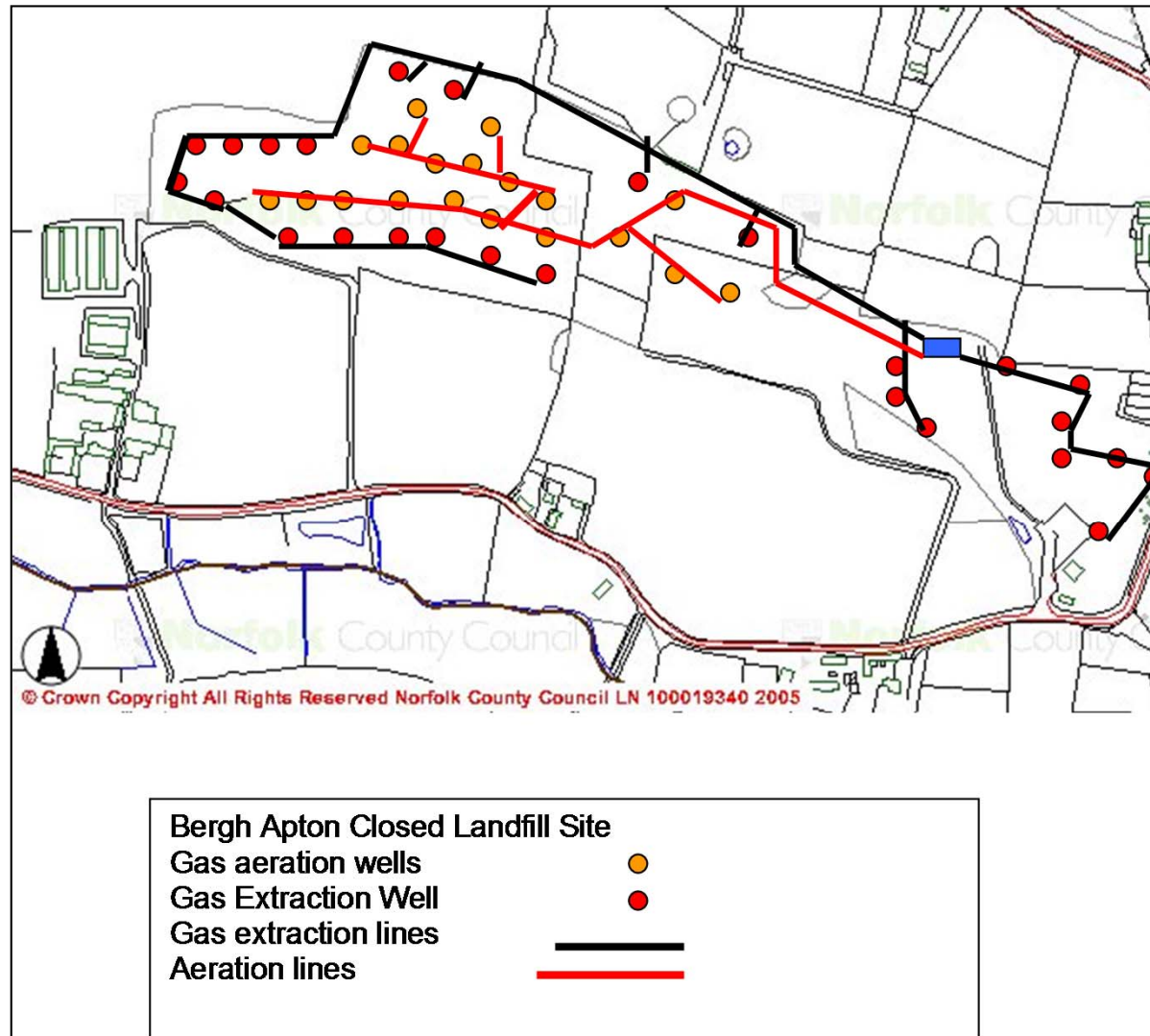
- Work led by Des Holmes, NCC Landfill Gas Officer, between 2004 and 2009.
- Why?
- Options?



Trial 1 at Bergh Apton



Trial 2 at Bergh Apton



Drilling at Docking 1

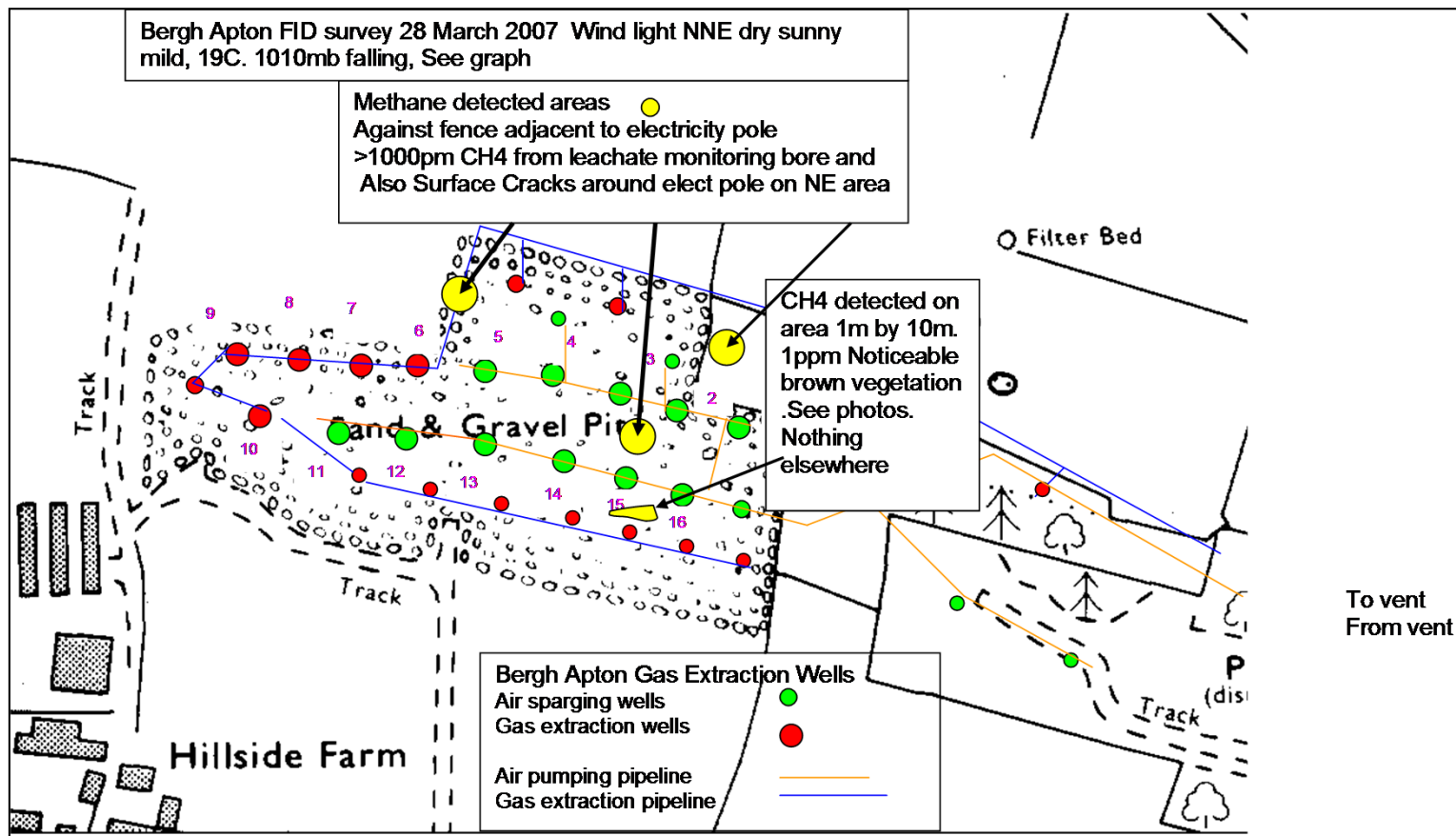


Installation at Docking 1



The Good

FID survey at Bergh Apton, rapidly falling atmospheric pressure



The Bad

Extreme settlement



& The Ugly

Repair



Learning points

- Careful design – limit variable settlement
- Needs to be carefully monitored
- Impact on leachate and groundwater