



Mogden Sewage Treatment Works

Residents' Liaison Meeting

27 January 2010

Agenda

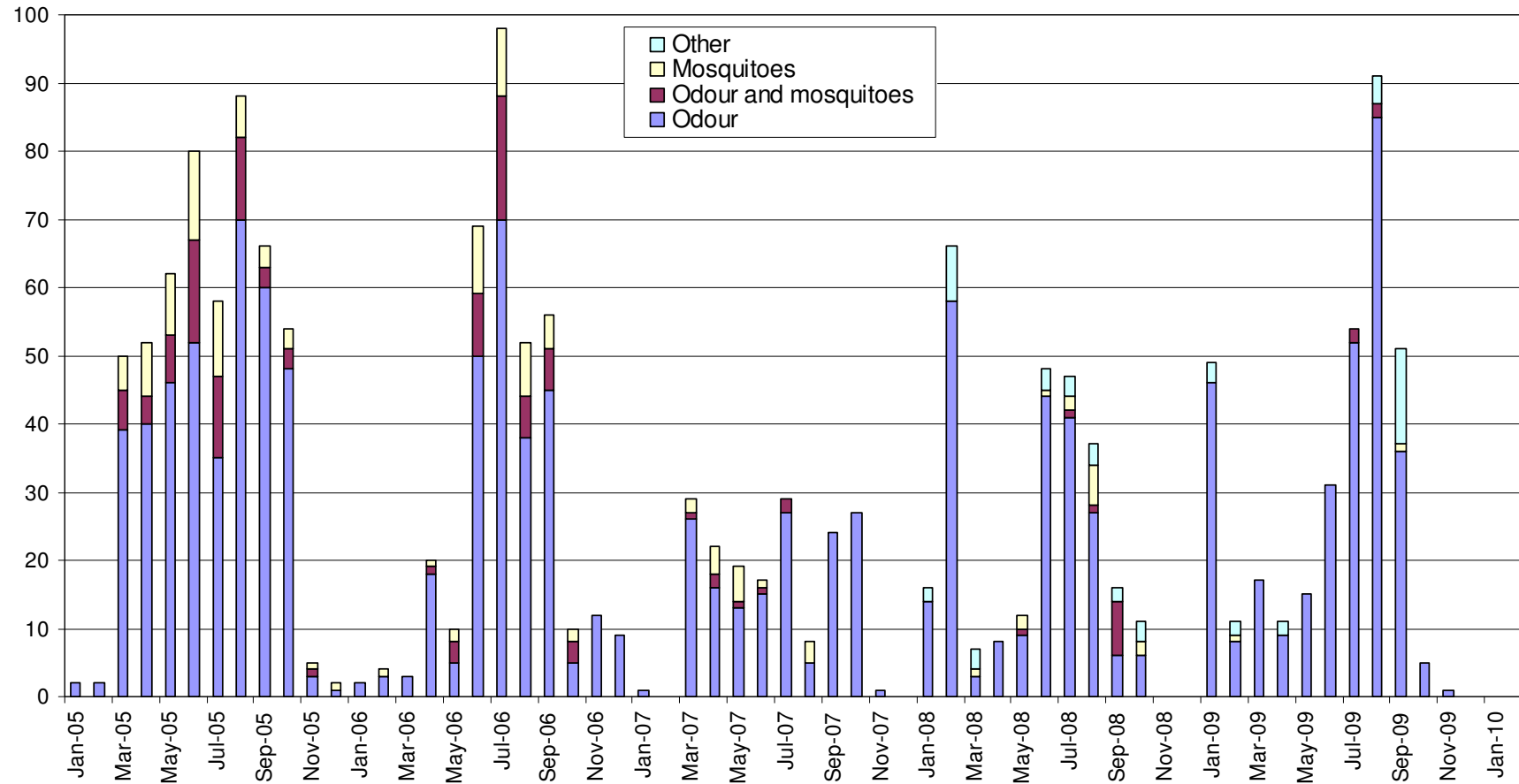


- Review of previous minutes
- Operations and correspondence
- Mosquitoes
- Tidal Thames Quality Improvements Project - Update
- Communications
- AOB



Operations and correspondence

Operational Correspondence



Notifications April – Present



October 2009

- Water main diversion affecting eastside odour control unit
- Minor digester sludge spill
- Sludge handling plant odour
- Westside primary tank maintenance
- Odour control unit servicing activities
- Minor digester spill

November 2009

- Westside primary tank maintenance

December 2009

- None

January 2010

- Odour control unit maintenance



Mosquitoes

Controlling mosquitoes at Mogden (1)



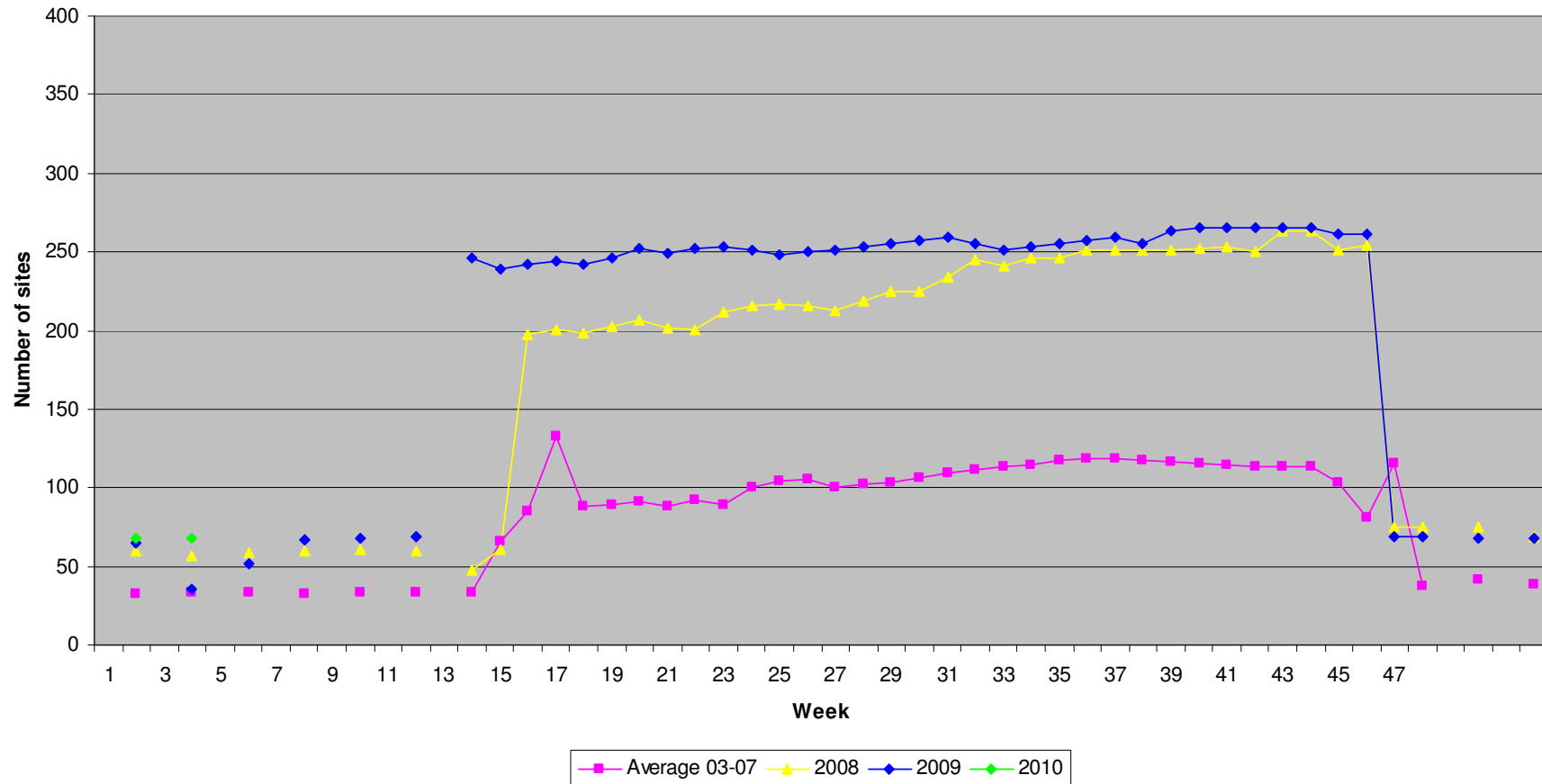
- We operate a strict year-round mosquito survey and control programme

- Surveys are carried out on a weekly basis by external experts in mosquito identification

- The number of sites surveyed vary with mosquito breeding patterns
 - Winter – up to 60 sites
 - Summer - up to 250 sites

Mosquito data

- Number of sites inspected



Controlling Mosquitoes at Mogden (2)

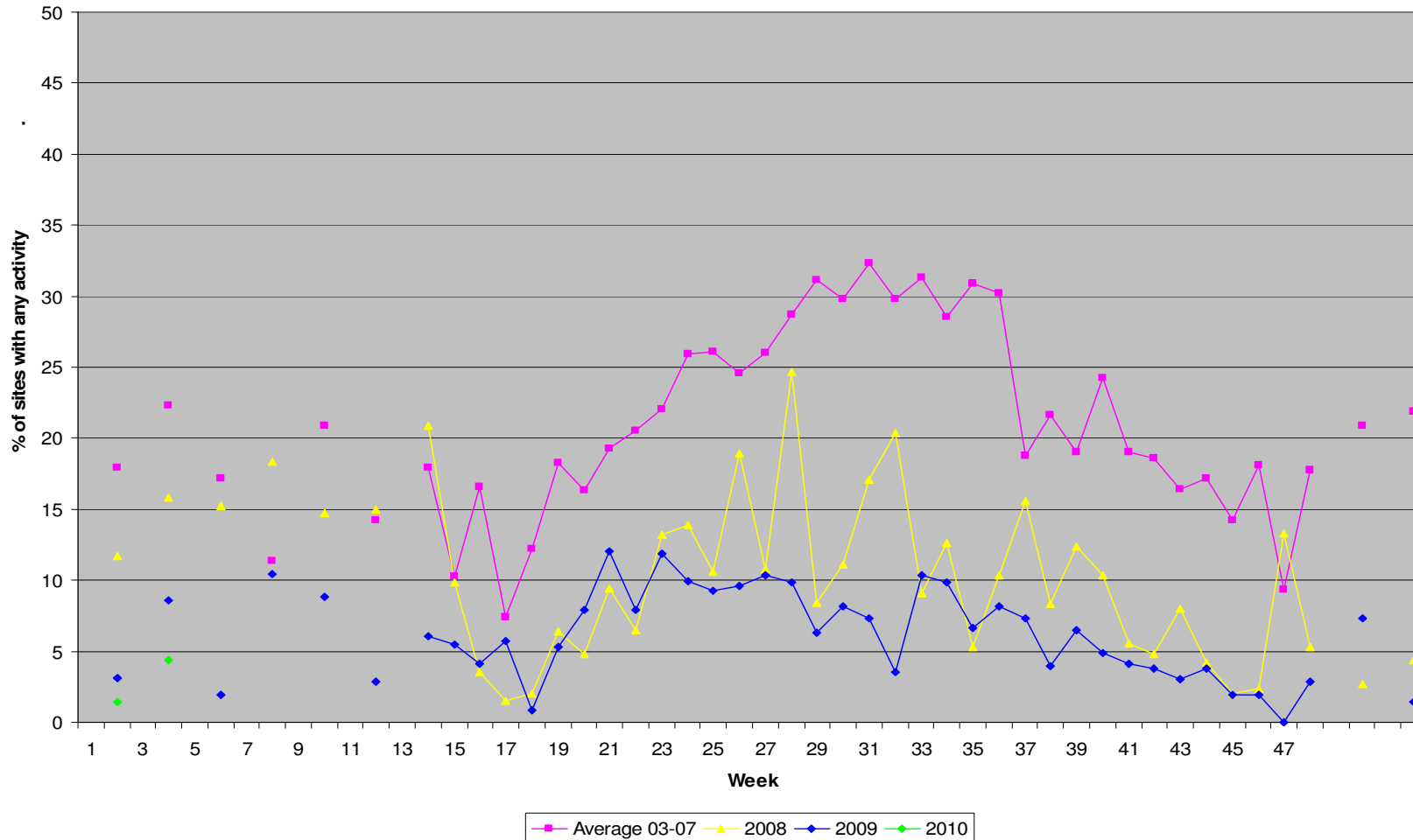


- We use a number of different methods to control mosquitoes
 - **Physical** - **Removing stagnant water breeding sites, for example unblocking drains.**
 - **Biological** - **Using natural methods of control such as bacterial spraying of larvae**
 - **Mechanical** - **Using ultraviolet light traps that ‘zap’ insects with a high voltage electric shock**
 - **Chemicals** - **Using pesticides to kill adult mosquitoes**

- Regular control measures are implemented less than 2 days after the surveys are carried out

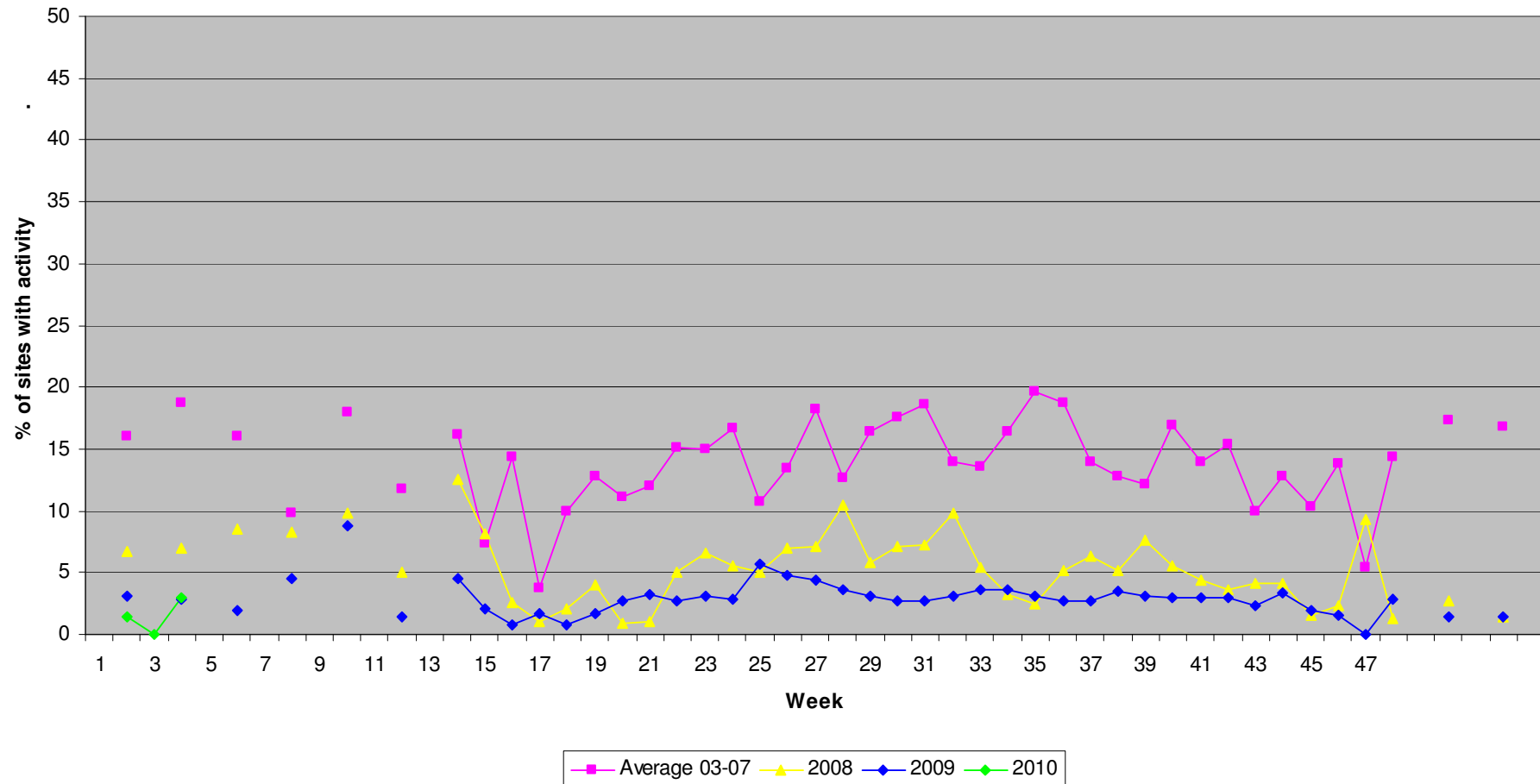
Mosquito data

- Percentage of sites showing any activity



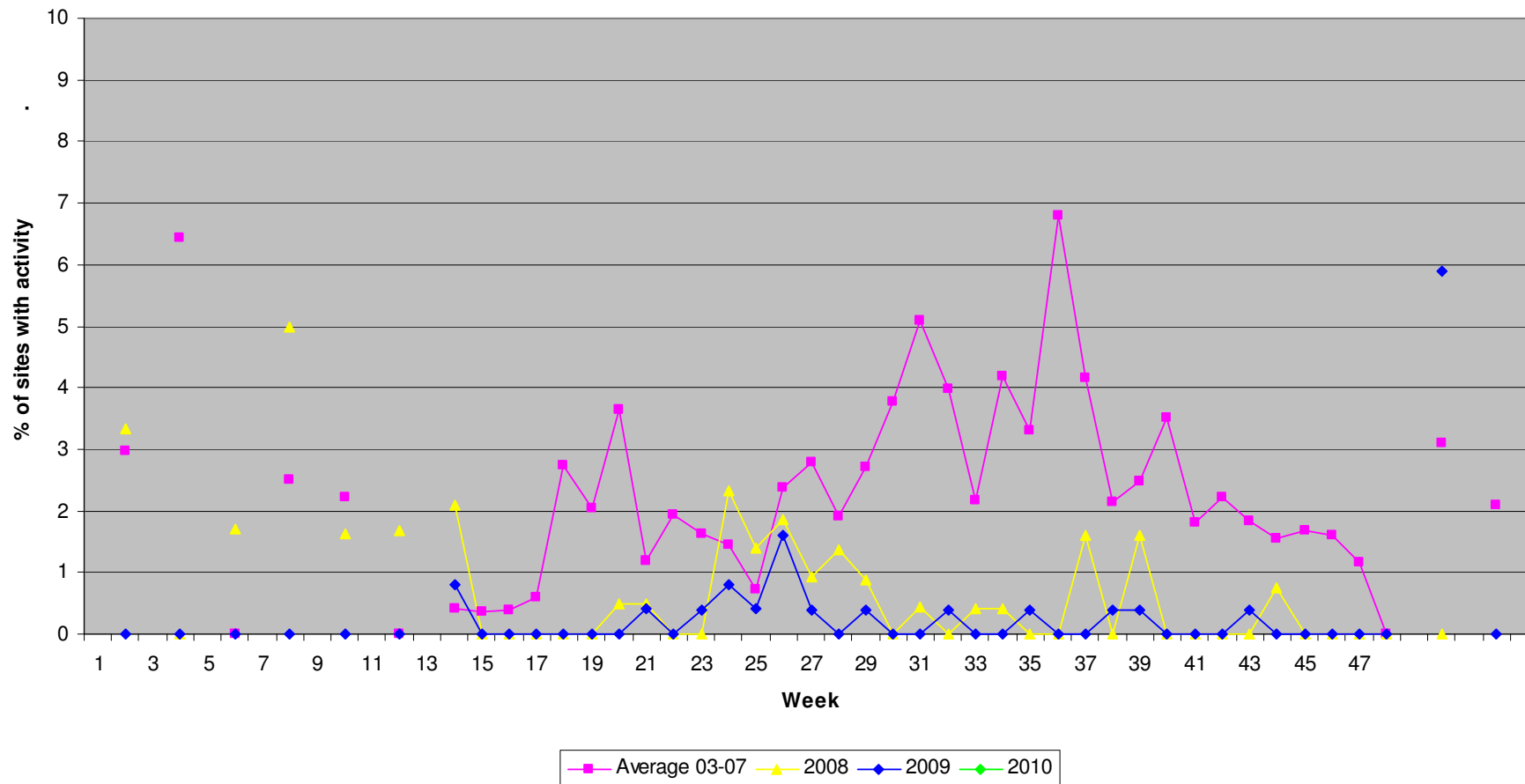
Mosquito data

- Percentage of sites showing any adults



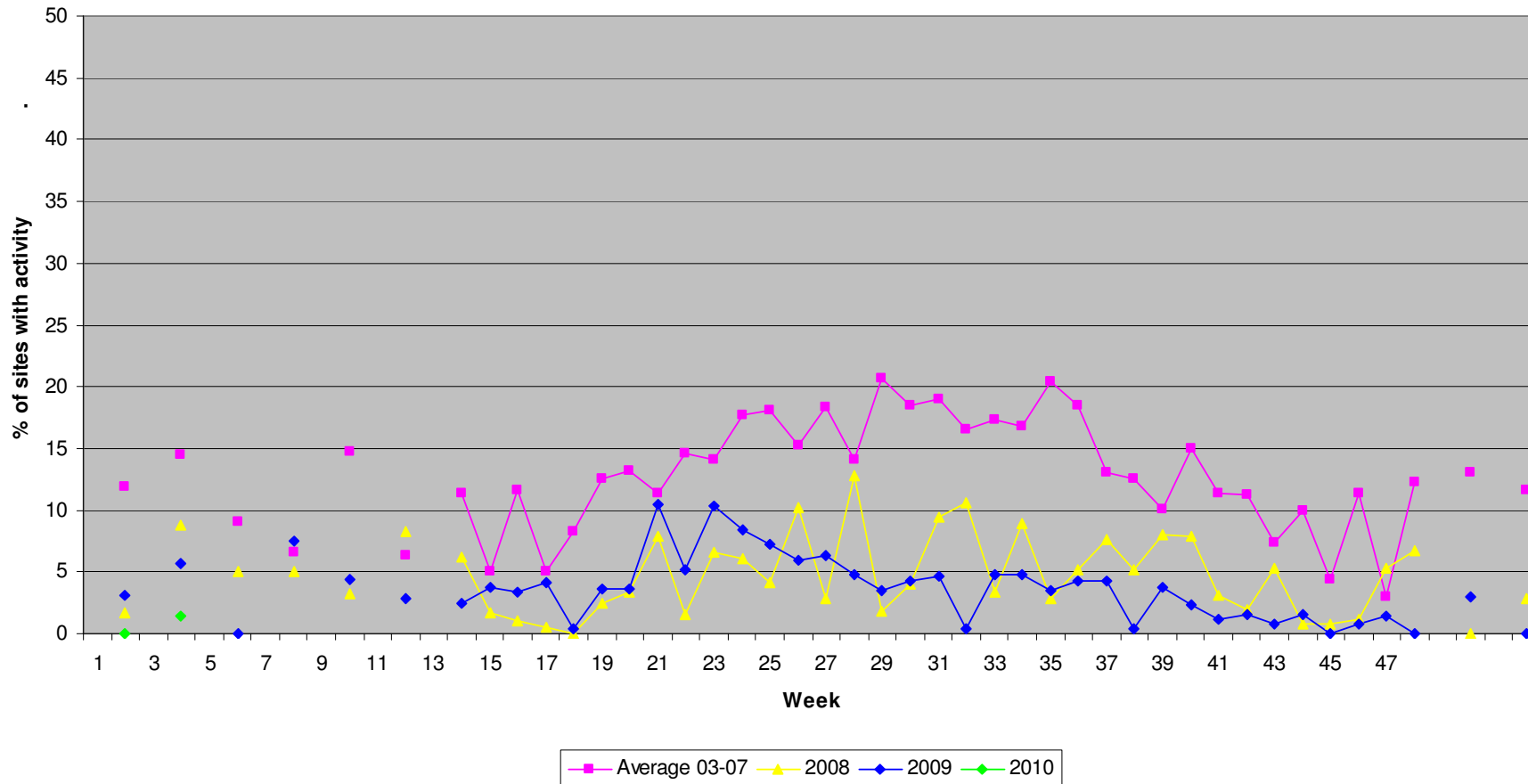
Mosquito data

- Percentage of sites many adults



Mosquito data

- Percentage of with larvae activity





Sewage Treatment Works Upgrades



Creating a cleaner, healthier River Thames

**London Tideway
Improvements**



Creating a cleaner, healthier River Thames

Background



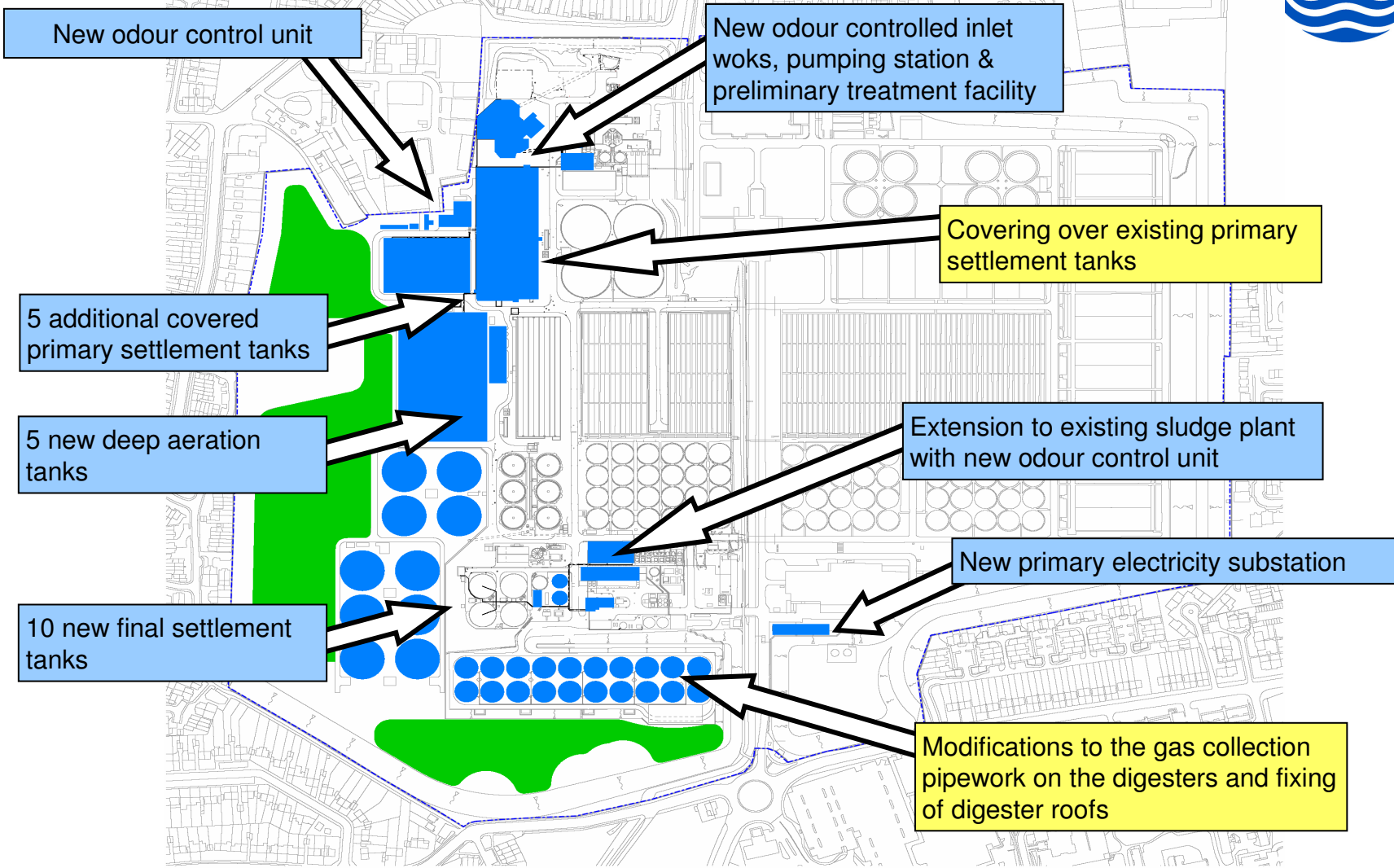
- Thames Water is investing in improving the water quality of the Tidal River Thames; for the ecology that thrives there, and everyone who uses and enjoys it.
- The proposed site improvements will enable Mogden STW to cope better with increased flows caused by heavy periods of rain, or 'storm conditions'.
- This will mean a significant reduction in the need to discharge any untreated wastewater into the River Thames.
- The improvements will also mean less use of the existing storm tanks.
- The new works will be odour neutral




A closer look at the improvements



A closer look at the improvements



New equipment =  250 m 500 m

Existing plant upgrades = 

Key dates



December 2009

- 23 December, the planning permission signed, including full S106 #

January – March 2010

- Black & Veatch awarded contract and preparatory work on western embankment begins. This includes vegetation clearance which is expected to last for up to 3 months.

April 2010

- Setting up staff offices and mobilisation of equipment.
- Commencement of main construction works, including earthworks.



Construction work

Black and Veatch

- Applying for the project to be registered with the Considerate Contractor Scheme and will be working closely with LB Hounslow to minimise any disruption.

Construction traffic

- To keep off residential streets clear, lorries will use the main roads namely the A316 and Rugby Road.
- To reduce lorry movements, we are recycling excavated materials on site.

Noise mitigation

- Whenever possible, we will use silenced plant.

Odour

- The new works will be odour neutral at worst
- Any odorous activities will be carried out inline with the Odour Management Plan.
- We will notify residents of any potential odorous activities.



Communications

Keeping up to date with Mogden



- **E-Mail notifications**

Informing residents of possible increase in odour

To subscribe, email us at mogden@thameswater.co.uk

- **Mogden Newsletter**

- **Mosquito Awareness Campaign 2010**

Find out more...



There are a number of ways of contacting us to find out more information.

- Call the Mogden fast track line to our customer centre (24hrs)

0845 641 0030

- Visit our regularly updated website

www.thameswater.co.uk/mogden

- Send a letter to

Thames Water

PO Box 463

Swindon

SN38 1TU



A.O.B