



# Mogden Sewage Treatment Works

Residents' Liaison Meeting

23 September 2009

# Agenda

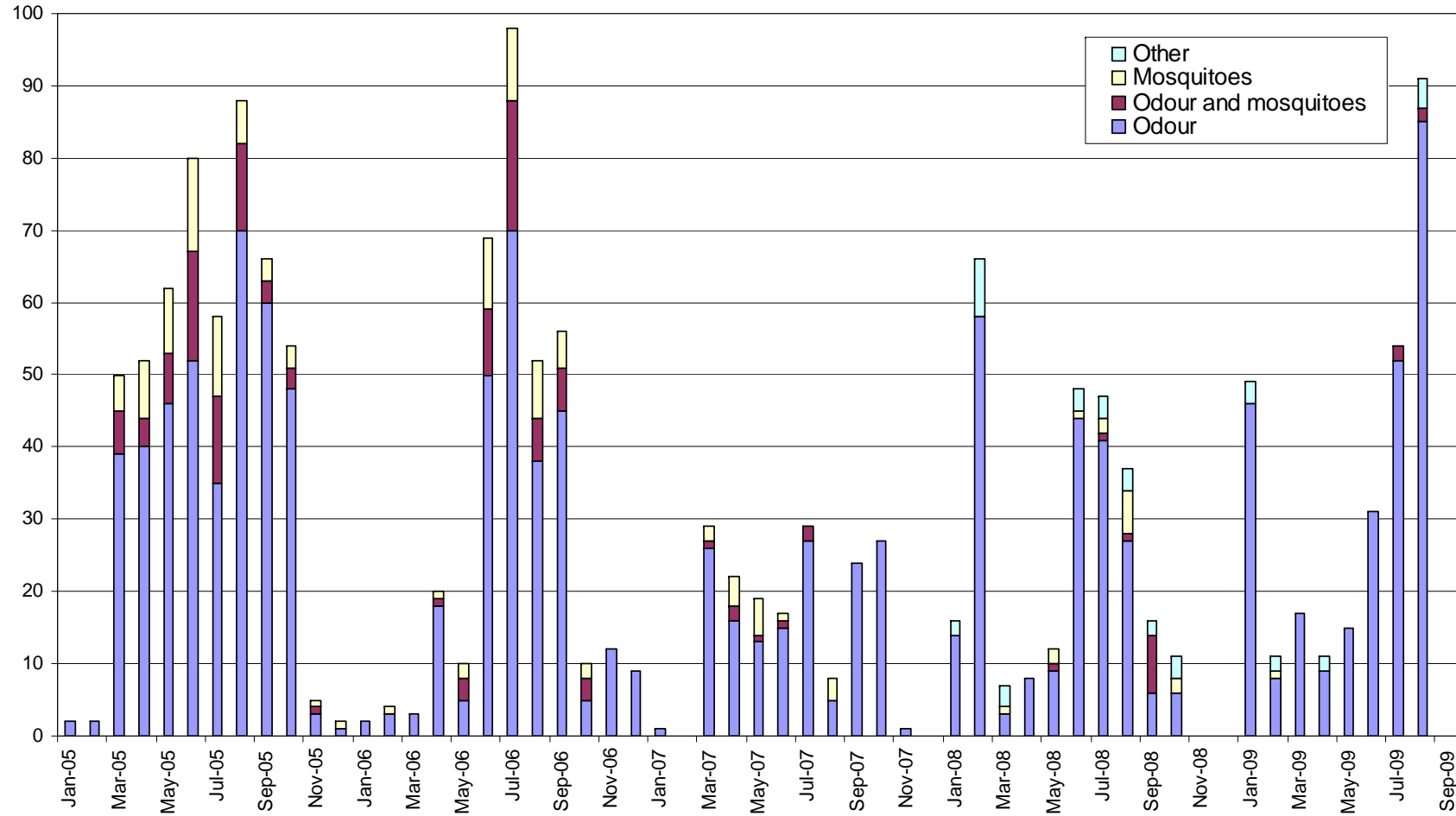


- Review of previous minutes
- Operations and correspondence
- Mosquitoes and the Mosquito Campaign 2009
- Tidal Thames Quality Improvements Project
- Communications
- AOB



# Operations and correspondence

# Operational Correspondence



# Notifications April – Present



## April 2009

- Pasteurisation plant drain down.

## June 2009

- Pasteurisation odour control unit maintenance

## August 2009

- Odour control unit shutdown notification warning
- Odour control unit shutdown x2
- Site power loss notification

## September 2009

- Odour control unit shutdown
- Biological odour control unit reseeded
- Westside primary tank scraper maintenance
- Odour update re: digester spill, storm tanks and primary tank drain down.
- Digester spill



# **Mosquitoes and the mosquito campaign 2009**

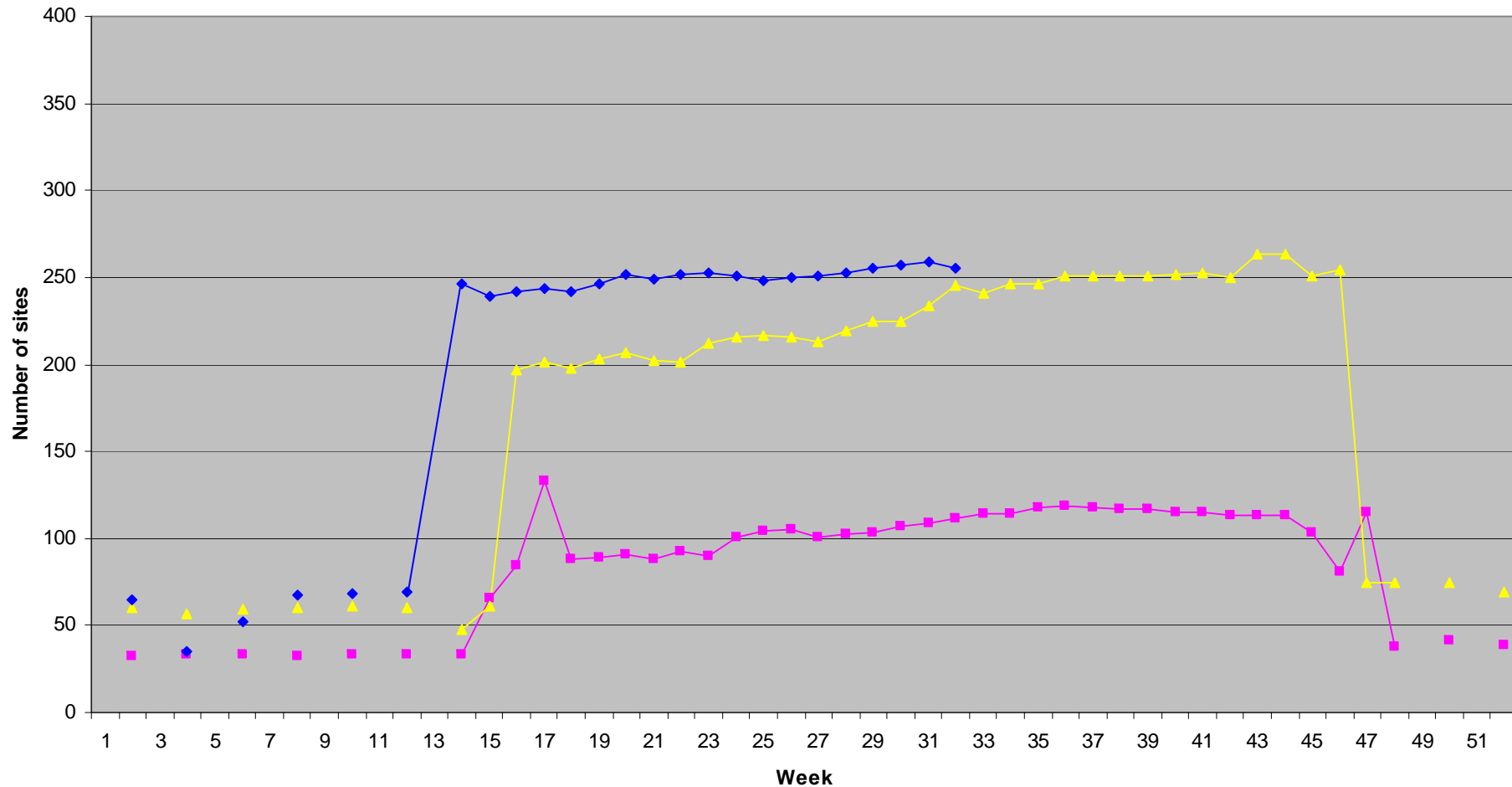
# Controlling mosquitoes at Mogden (1)



- We operate a strict all 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



— Average 03-07 — 2008 — 2009



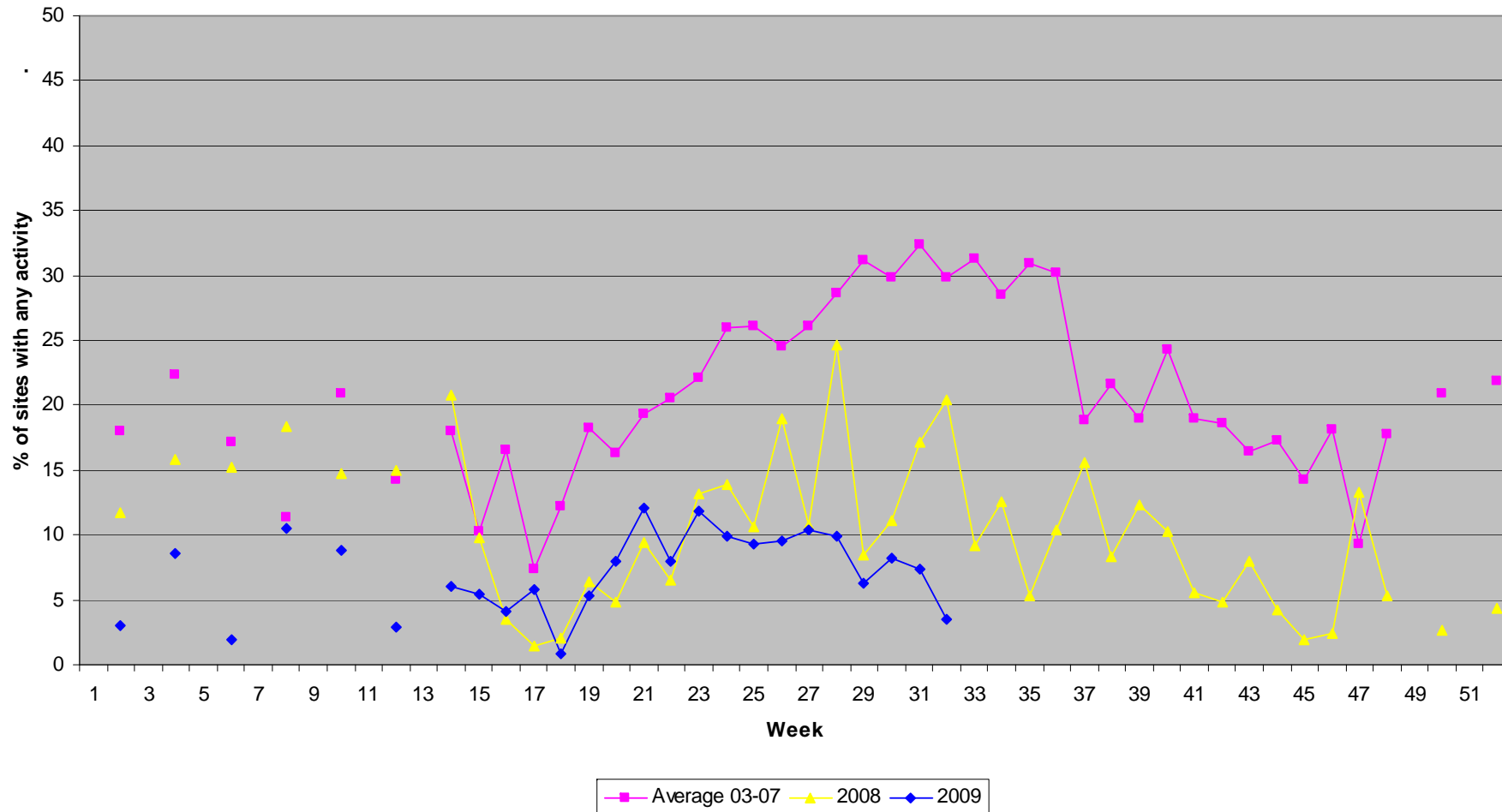
# Controlling Mosquitoes at Mogden (2)



- 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

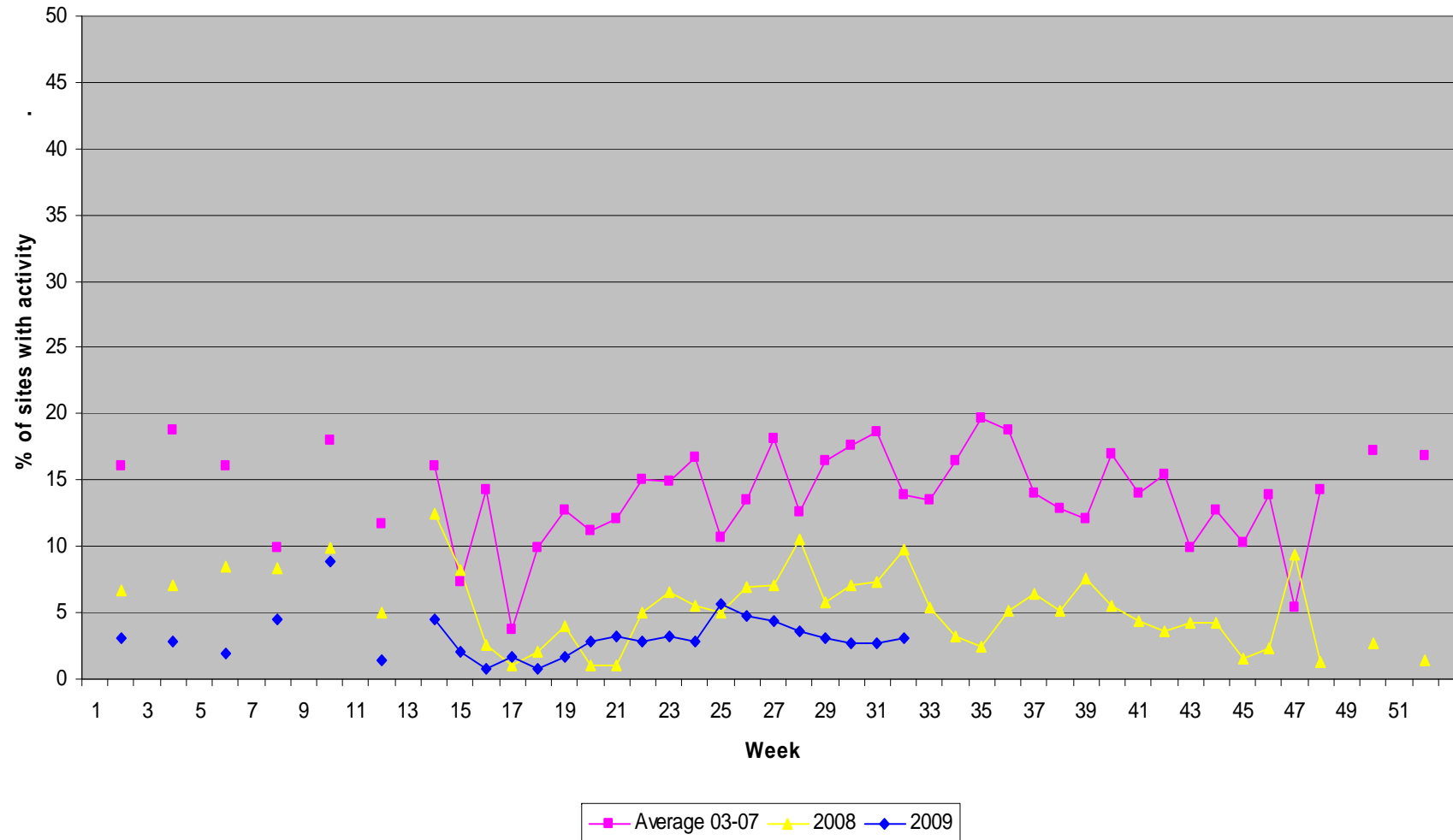
# Mosquito data

## - Percentage of sites showing any activity



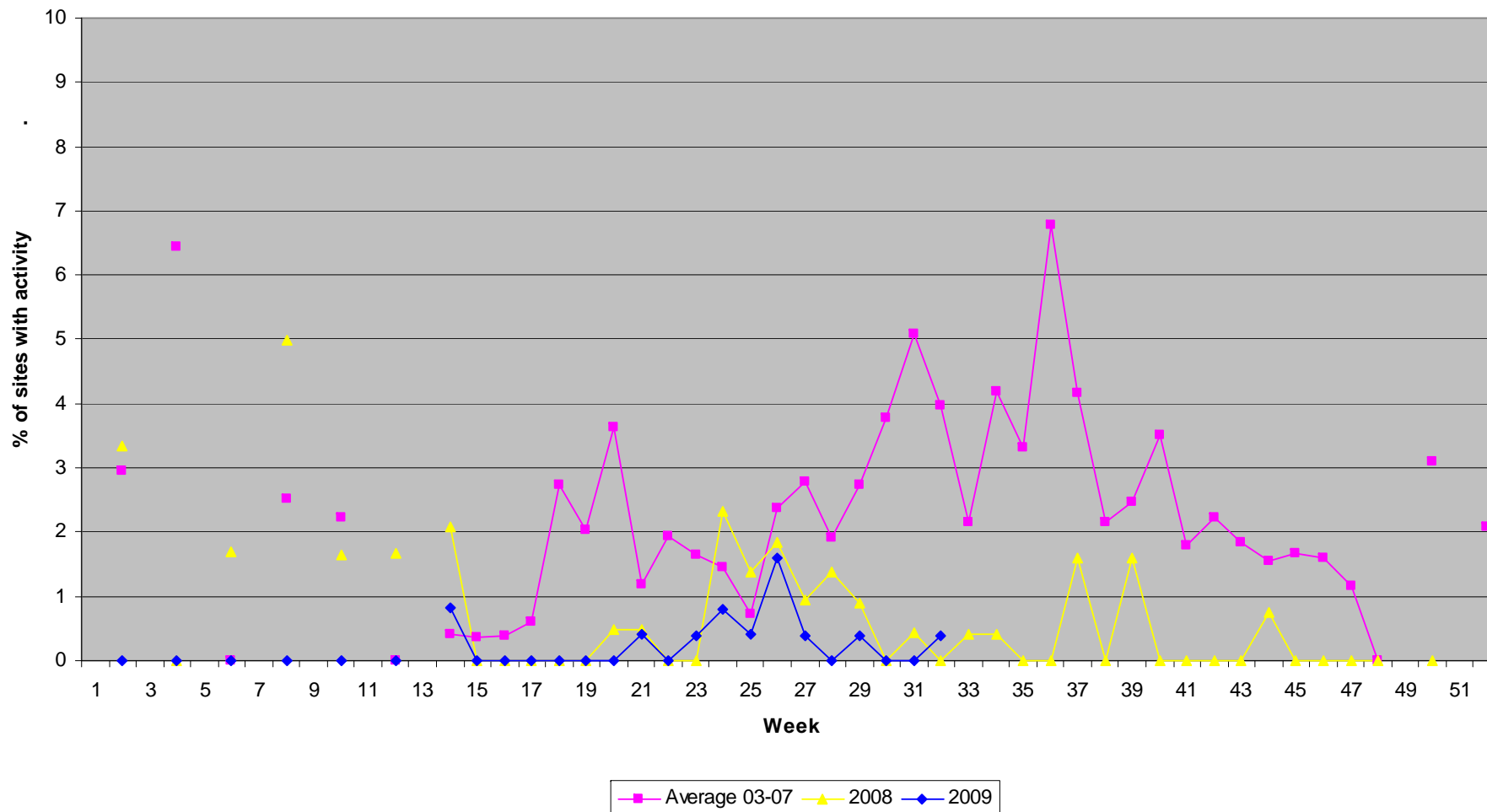
# Mosquito data

## - Percentage of sites showing any adults



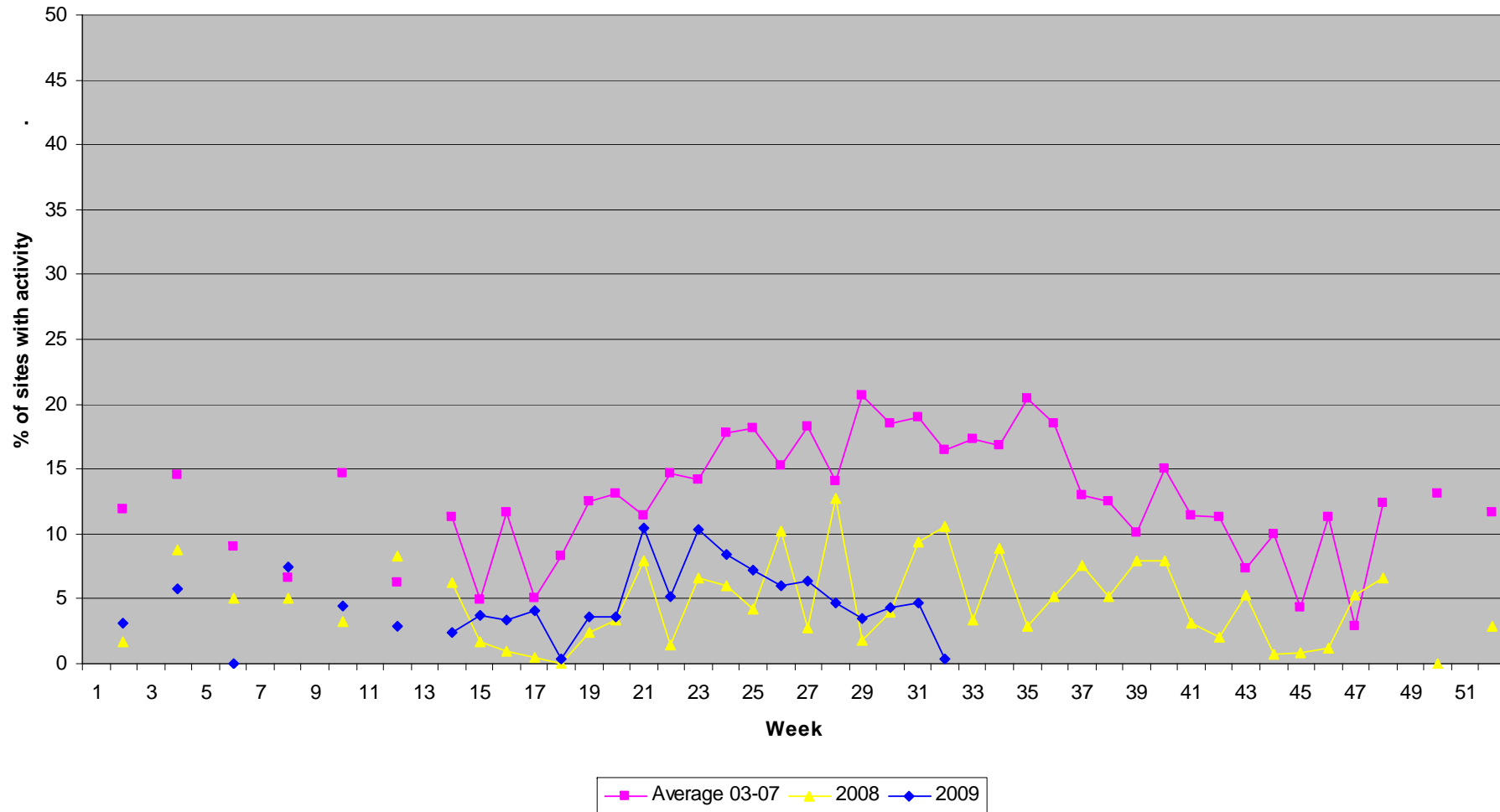
# Mosquito data

## - Percentage of sites many adults



# Mosquito data

## - Percentage of with larvae activity



# Beat the biting bug campaign (1)



- In May our Beating Biting Bugs campaign leaflet was distributed to local residents around the works.
  
- In July's edition of Hounslow Matters, LB Hounslow wrote an article titled 'Enjoy summer without the pests' which mentions how Hounslow and Richmond councils have been working with Thames Water to help control mosquitoes in the area around the Mogden Sewage Treatment Works.



## Beat the biting bug campaign (2)



- In September, a small number of residents have stated that they did not receive a copy of the leaflet.
- Following these concerns, we have asked the distribution contractor, Guaranteed Leaflet Distribution, for comment;

*"We are asked to distributed leaflets to TW1 1, TW2 6, TW2 7, TW3 1, TW3 2, TW3 3, TW7 4, TW7 5, TW7 6, TW7 7.*

*We had a 96 % success rate with our quality monitoring and backtracking checks as we were able to find the leaflets in 268 roads of the 280 we checked.*

*This shows that the leaflets were correctly delivered and campaign was highly successful."*

Thames Water





# Tidal Thames Quality Improvement Project



# 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



# Latest



- In June 2009, Hounslow Council approved the planning application for the proposed improvements to Mogden STW subject to the completion of a legal agreement and subject to a decision by the Mayor of London.
- The Mayor has agreed that LB Hounslow could determine the application itself.
- Planning permission was granted on the condition that the Mogden works would comply with strict conditions aimed at reducing the smells and keeping residents informed.
- We are encouraged by Hounslow planning committee's recognition of the need to improve the quality of the Tidal Thames and their positive response to our proposed improvement works.
- We will continue to work closely with the Council to finalise the legal agreement.



# 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](mailto:mogden@thameswater.co.uk)

- **Mogden Newsletter**

- **Mosquito Awareness Campaign 2009**

‘Beat the biting bugs’

# Find out more...



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

- Call our Customer Centre, our lines are always open

**0845 9200 800**

- Visit our regularly updated website

[www.thameswater.co.uk/mogden](http://www.thameswater.co.uk/mogden)

- Send a letter to

Thames Water

PO Box 463

Swindon

SN38 1TU



**A.O.B**