



# Mogden Sewage Treatment Works

Residents Liaison Meeting

8 September 2010

# Agenda



- Review of previous minutes
- Operations and correspondence
- Communications
- Mosquito survey results
- Sewage Treatment Work Upgrade Project – an update
- AOB



# Operations and correspondence

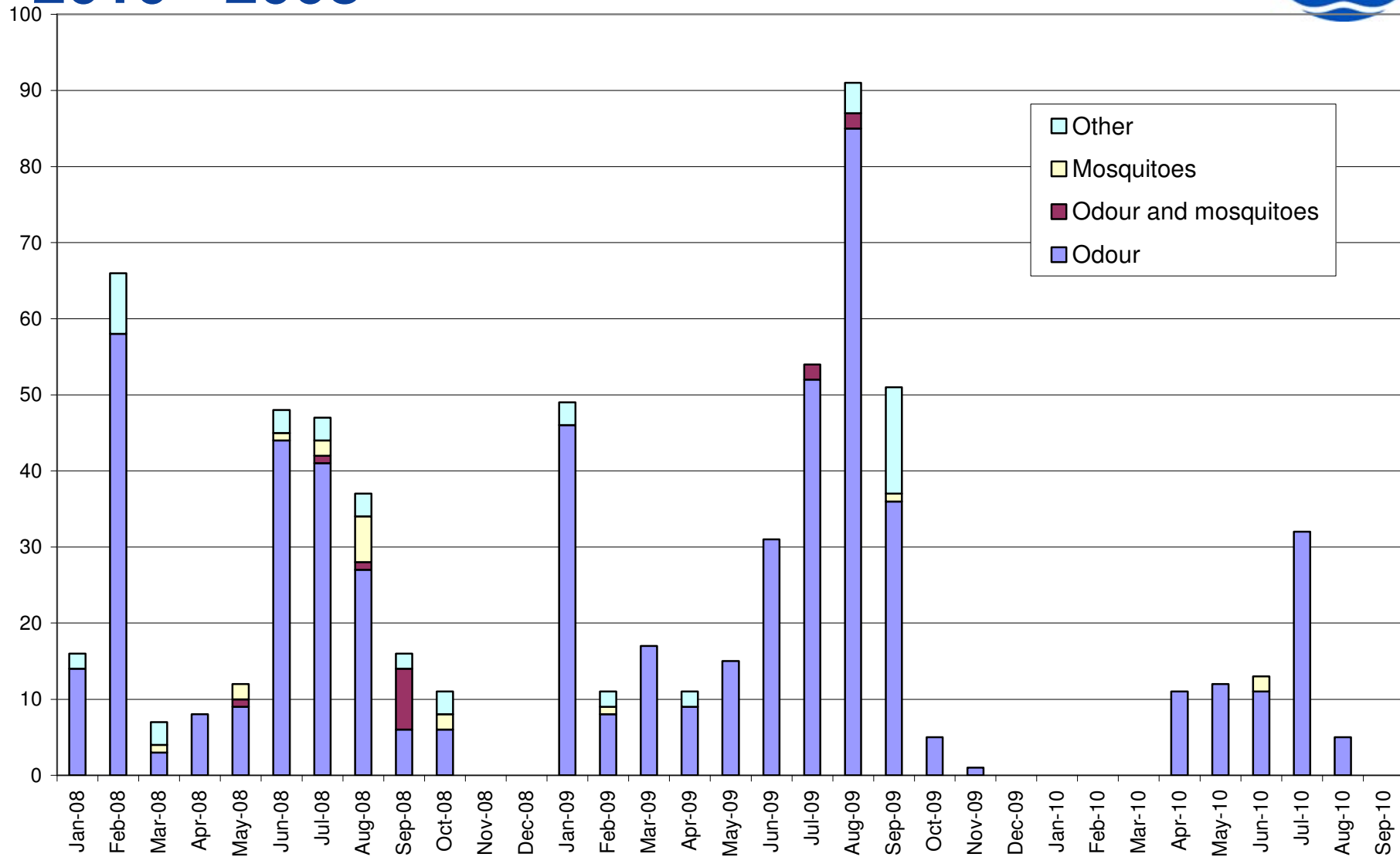
# Operations update



- Optimising the performance of the new final settlement tanks has continued to increase the quality of water that we discharge to the River Thames and allow us to process more raw sewage each day.
- This has included adding a V-notch weir to increase the volume in each tank and a bridge mounted scum removal system.
- Battery C aeration lanes will be redomed in October 2010.



# Operational Correspondence 2010 - 2008



Thames Water

# Notifications June – Present



## June 2010

- Notification of storm tank maintenance work - a precautionary notice
- Footpath closure for urgent work on a gas main

## July 2010

- None

## August 2010

- Advance notice of tree works along Whitton Dene
- Notification of extension project commencement

## September 2010

- None



# Communications

# Mosquito Awareness Campaign



- We were contacted by the Cole Park Allotments Association about several abandoned water butts after they received the mosquito awareness letter.
- A site visit with one of our professional entomological consultants showed them that in the butts that weren't regularly agitated, there was mosquito larvae.
- We provided advice on draining the tanks and have supplied a hand pump siphon.
- Water efficiency tips for gardeners have also been emailed at their request.





# S106 Odour Study



- Entec, a UK based environmental and engineering consultancy, has been commissioned to carry out an odour study. This forms part of the Section 106 planning conditions relating to the extension project.
- A letter has been sent to over 10,000 residents giving the background and aims of the odour study.
- A public forum will be held on Wednesday 3 November 2010 at 7pm at the Civic Centre, Hounslow.
- The final report will be available on both Thames Water's and the London Borough of Hounslow's websites for download by the end of the year.

# Community Speaker Programme



- We run a Community Speaker Programme that delivers talks to schools, colleges, and organisations across our region free of charge.
- The talks are given by Thames Water employees and cover many topics related to water and the water industry. For example: saving water, sewage treatment, how we treat and deliver tap water. Talks can also be tailored to meet the requirements of the requester.
- We aim to provide in excess of 50 talks per year.
- Talks can be booked using the Speaker Programme booking form on our website under Community and recreation > Water in Schools > Community Speaker Programme.

# Hounslow Network Challenge



- A network challenge event was held in July at the Kew Bridge Steam Museum.
- This activity was developed by Thames Water engineers to challenge students to design, build and commission a water distribution network. It supports the National Curriculum at Key Stage 3 and 4, and includes problem solving, communication and teamwork.
- Teams compete to plan and construct their network of pipes, manage their budgets and stay within the time allowed - just like a real-life engineering project! The results were:

1st place	St Marks School	42 points
2nd place	Isleworth & Syon School for Boys	39 points
3rd place	The Green School	34 points
4th place	Brentford School for Girls	22 points
5th place	Longford Community School	17 points



# Mosquito Survey Results

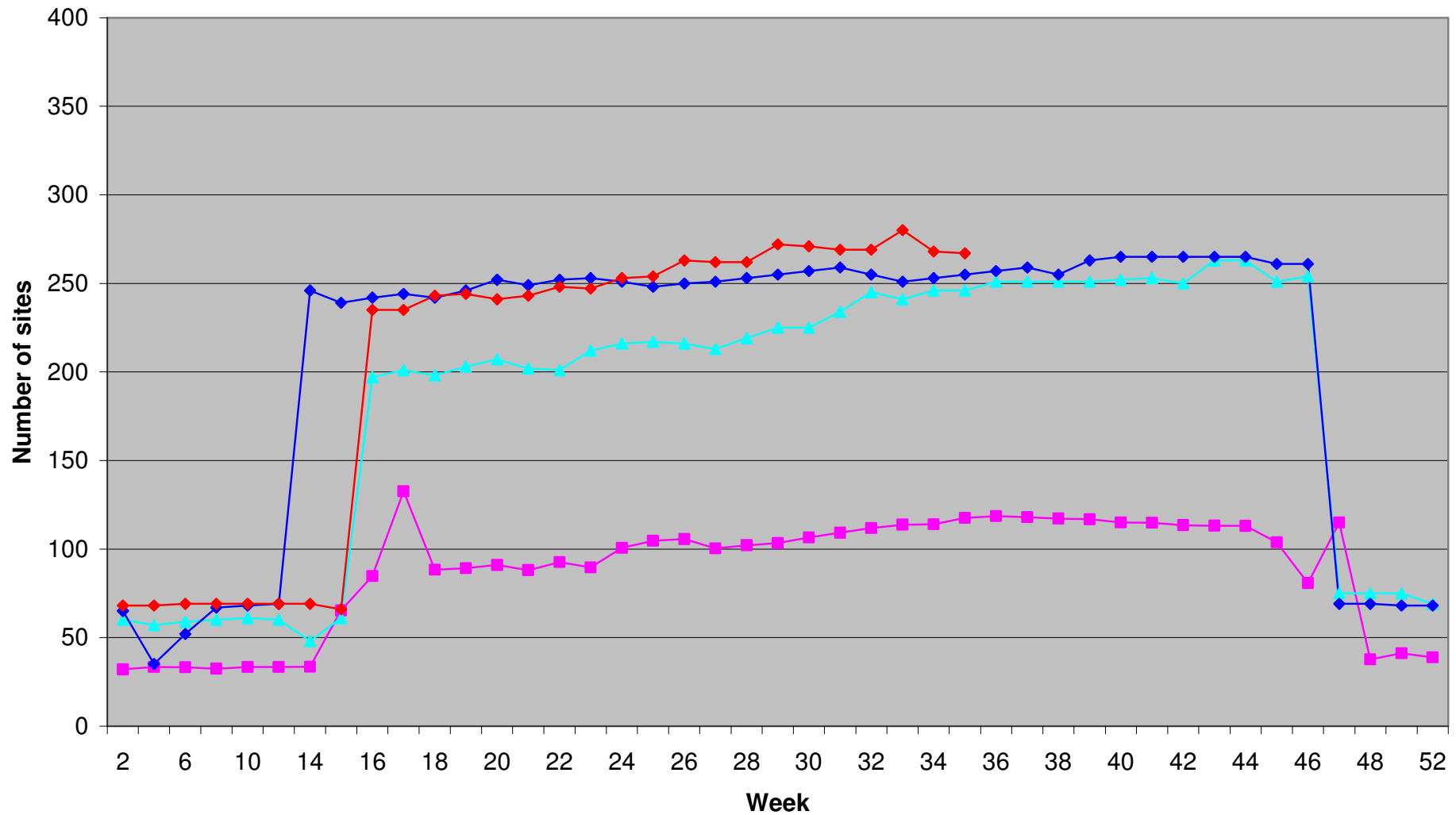
# Controlling mosquitoes at Mogden



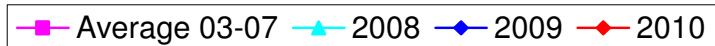
- A strict year-round mosquito survey and control programme is followed at Mogden with weekly surveys in summer months and fortnightly in the winter. These are regularly audited by the London Boroughs of Hounslow and Richmond Upon Thames Environmental Health Officers.
- The surveys are carried out by professional entomological consultants who record any mosquito egg rafts, larvae (which move in a distinctive way), pupae and adults seen.
- All larval and adult activity is treated by Bioguard, a professional pest control company, with a bacterial insecticide or adulticide less than 2 days after the surveys are carried out.
- Other control methods include removing any standing water on site by covering skips and unblocking drains and using electronic fly killers.

# Mosquito data

## - Number of sites inspected

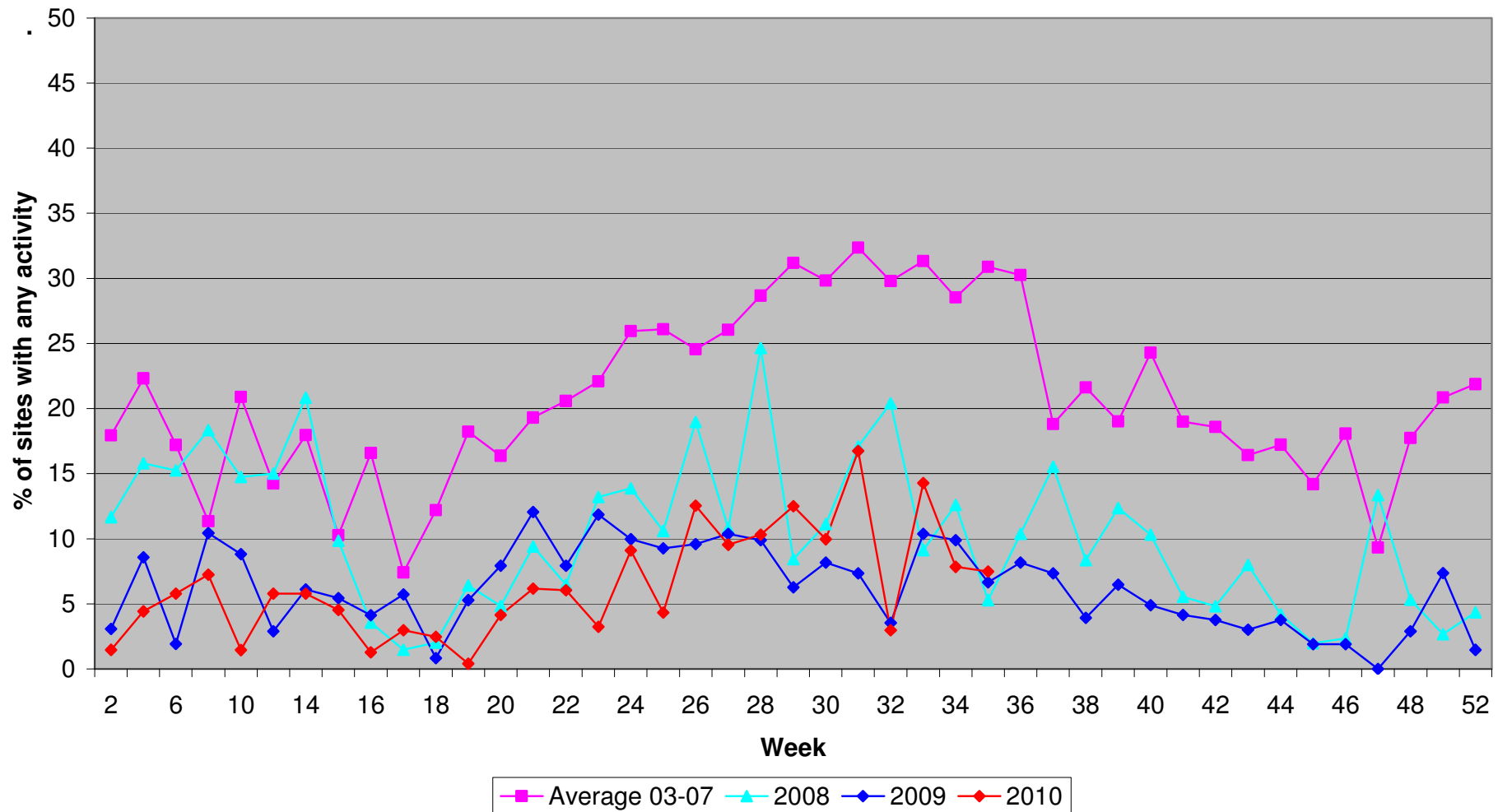


Thames Water



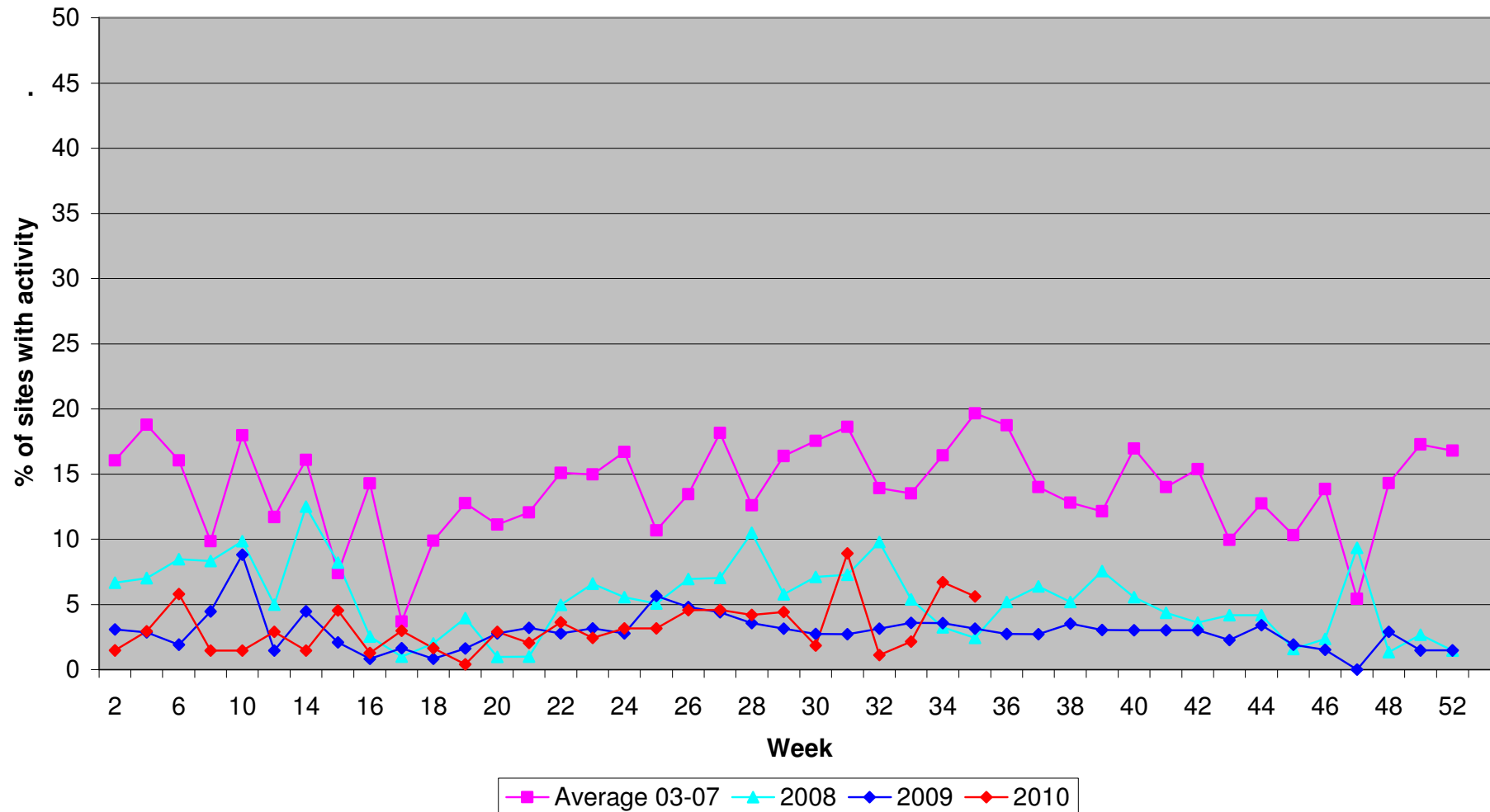
# Mosquito data

## - Percentage of sites showing any activity



# Mosquito data

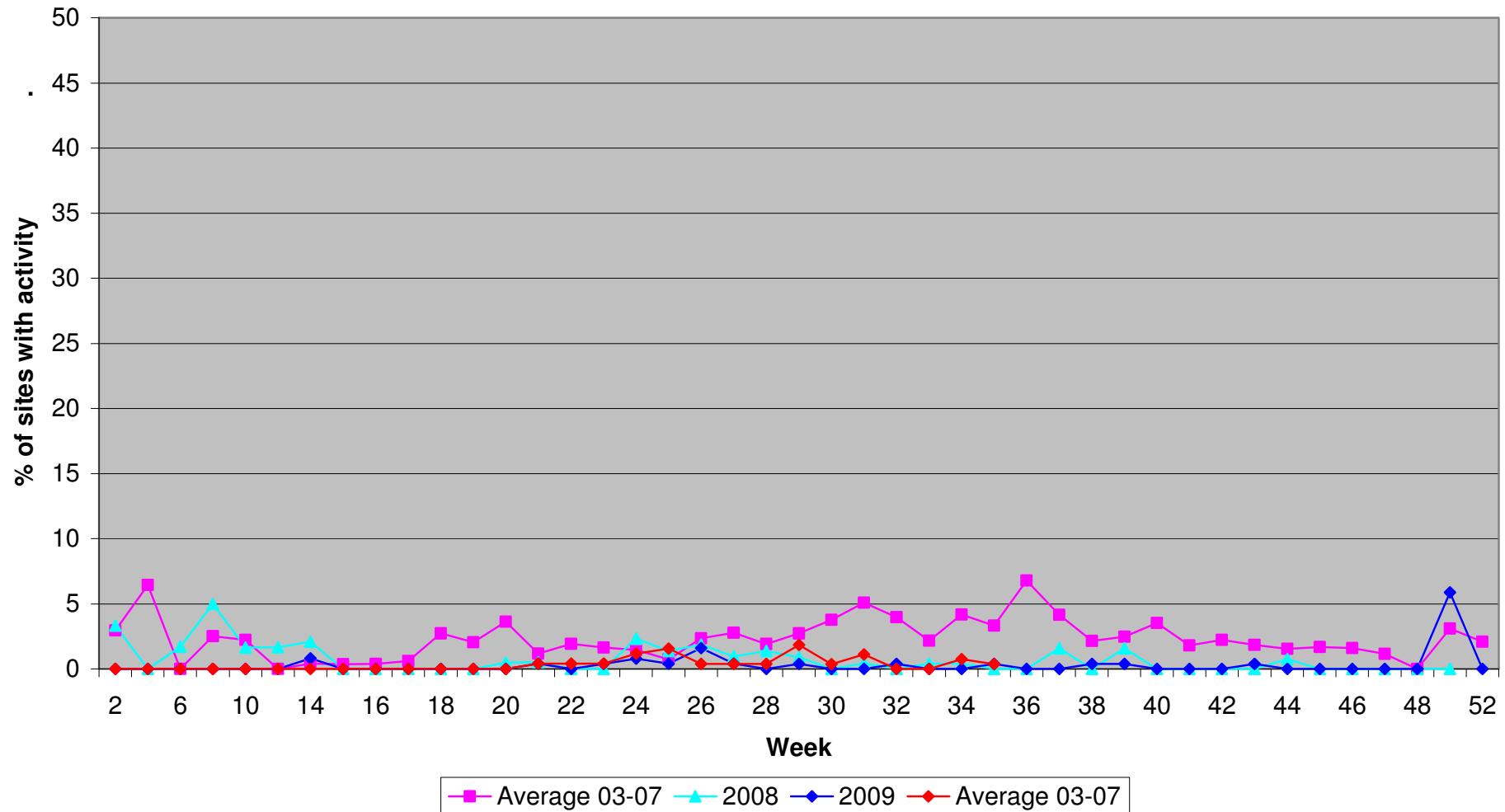
## - Percentage of sites showing any adults





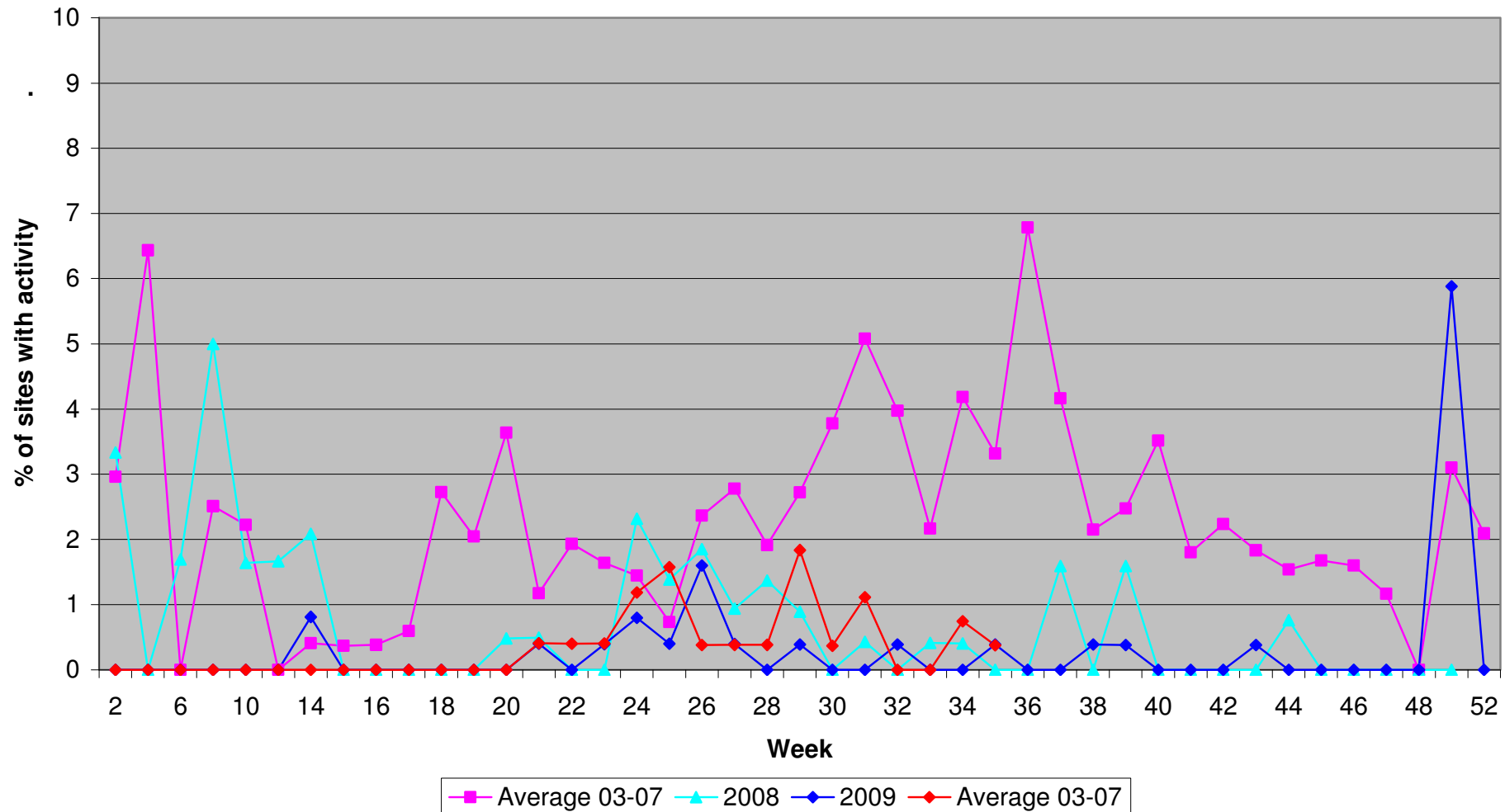
# Mosquito data

## - Percentage of sites with many adults



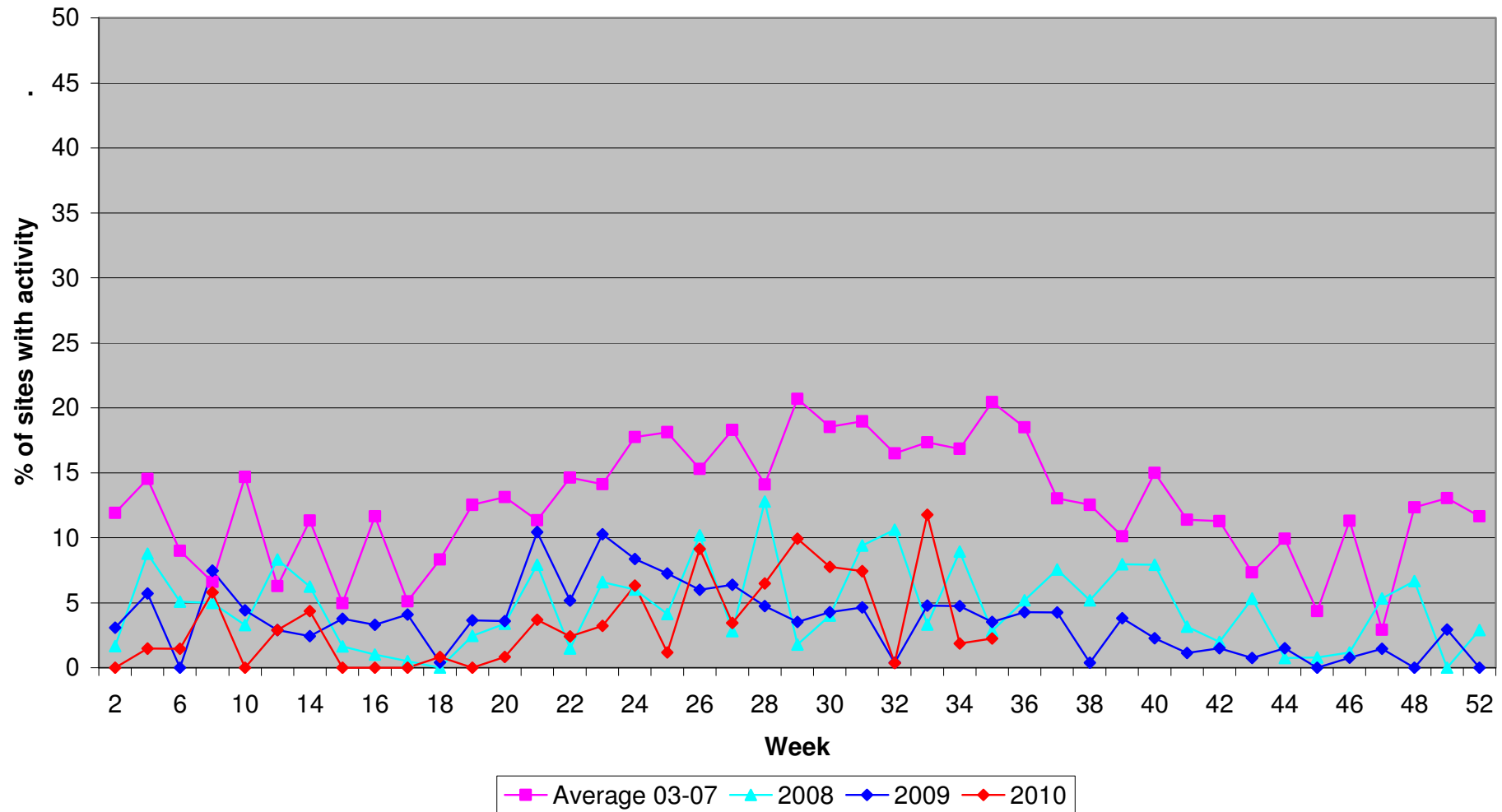
# Mosquito data

## - Percentage of sites with many adults (2)



# Mosquito data

## - Percentage of sites with larvae activity





# Sewage Treatment Works Upgrade Project – an update

Thames Water

**Sewage Works  
Upgrades**   
*Creating a cleaner, healthier River Thames*

# Construction update



- Pre-commencement planning obligations discharged.
- Earlier this year, we cleared trees and shrubs from the western boundary.
- Clearance of Japanese knotweed.
- Mature oak trees preserved.
- Construction commenced 23rd August.



# Control measures



- Working to keep disruption, especially dust and noise, to a minimum.
- Access to the site off the A316 and Rugby Road only.
- Regularly water the area to reduce the potential for dust.
- Automated dust monitors.



# What's happening next 3 months?



- Working hours Monday to Friday between 7am and 7pm.
- Noisiest construction activities limited between 8am and 6pm.
- Earthworks to reshape the western embankment.
- Erection of temporary construction offices.
- Supporting structures and piles for the new equipment.
- Modification of digesters.



# Reinstatement of embankment



- Re-planting most of the new embankment with native trees and hedgerows, and seeding herb-rich grassland in spring 2011.
- Final landscaping will be complete in 2012. Until then, we will need to temporarily store some earth around and on top of the new embankment.
- Remove contractors compound early 2013.





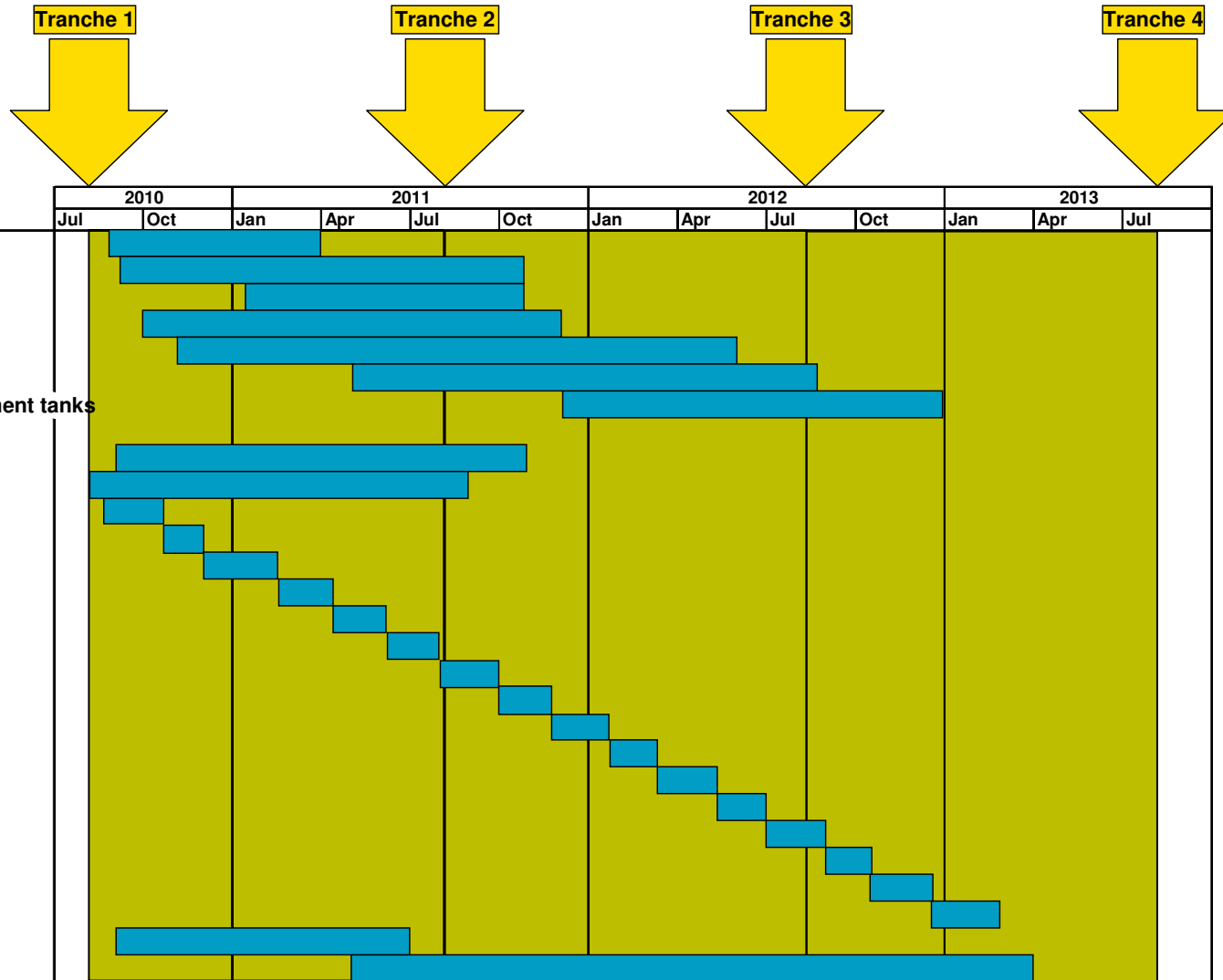
# Phasing Plan



- S106 Agreement includes a 'phasing plan'.
- Aimed at ensuring odour improvements are achieved as soon as possible.
- The plan has four 'Tranches' of deliverables.



# Phasing Plan





**AOB**

# Proposed dates of meetings:



- Wednesday 8 December 2010
- Wednesday 9 March 2011
- Wednesday 8 June 2011



# Need to contact us about Mogden?

Call the Mogden 24hr line (via the Thames Water Operations Contact Centre):

**0845 641 0030**

To subscribe to email notifications, email us at:

**[mogden@thameswater.co.uk](mailto:mogden@thameswater.co.uk)**

Visit our website:

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

Write to us:

**Customer Feedback**

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**SN38 2RA**