

# Mogden Sewage Treatment Works

Residents Meeting

23 July 2014



# Agenda

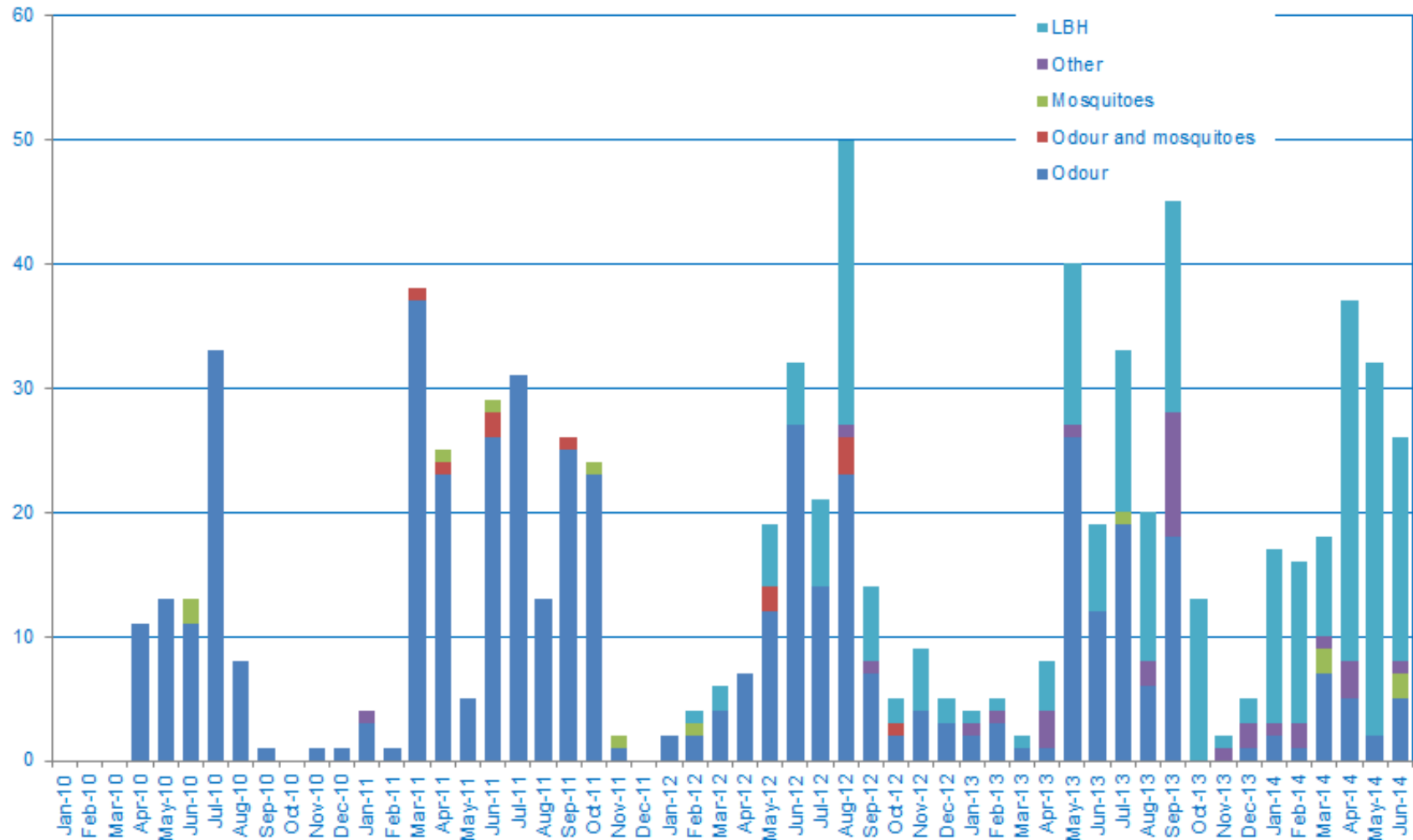
- Review and actions of previous minutes
- Operations and communications
- Odournet report – actions taken
- Mosquito survey results
- AOB

# Operations and communications

## Update

- We continue to act upon the recommendations of the Odournet olfactometry report, issued earlier this year. Odournet returned to site to resurvey in May and June, and are preparing a new report on the findings.
- The next Mogden Update newsletter will be sent by the end of September 2014.
- We'll shortly be delivering leaflets to 10,200 residents, advising how to discourage mosquitoes from breeding in the local area.
- Staffing changes

# Customer complaints



# Odournet report – May/June visits

## Summary

- Back in February, Odournet's report said that Mogden is within the normal operating parameters for a process of this type and size.
- However the results showed a higher level of odour than anticipated in our planning application.
- We have been executing an action plan to address the specific issues identified by Odournet (some of these activities were already in progress before their report was received).
- > **Next: Action plan update and results of May/June surveys.**

# Odournet report – May/June visits

## Recommendation 1

Replace the carbon in the East Side, West Side and Sludge Thickening Odour Control Units (OCUs)

This has been completed. The new media has an expected lifetime of five years. We will be monitoring its condition.

The OCUs are still operating within the Odour Management Plan's trigger levels.

# Odournet report

## Recommendation 2

Confirm that the current odour abatement performance of the Inlet PS OCU has improved to levels indicated by recent hydrogen sulphide monitoring data

According to Odournet, the residual odour concentration has reduced from the 2013 survey and is in the region expected.

As mentioned on the previous slide, the OCUs are operating within the Odour Management Plan's trigger levels agreed with the London Borough of Hounslow.

# Odournet report

## Recommendation 3

Install a scum suppression system in the anoxic zone of Bank E to eliminate scum formation

This is in full operation and is being inspected by the London Borough of Hounslow on a weekly basis.

We are very pleased with its operation to date.



# Odournet report

## Recommendation 4

Review the operational procedures around the storm channels to reduce retention of storm water in between storm events

The storm tank feed channels are inspected twice daily as part of the storm tank checks. If the feed channels need flushing, this is recorded on the storm tank check sheets and carried out by the on-duty Process Control Engineer (PCE).

The check sheets are then sent to the London Borough of Hounslow daily.

# Odournet report – June visit

## Results

Odour concentration units

OCU	Odour concentration	
	[ou <sub>E</sub> /m <sup>3</sup> ]	
	June results	May results
East OCU	1873	3497
West OCU	2214	9014

# Odournet report – May/June visits

## Summary

Projected findings following preliminary communications:

*“Changes in site emissions that are a result of the extension should result in a broadly odour neutral situation.”*

*Odournet*

# Odour monitor and sludge odour monitor update

## Summary

What's the problem?

The database which stores the readings has corrupted. Although we cannot currently download the data, we are optimistic that we will be able to retrieve it.

What hasn't it be fixed?

The software is very specialist with custom elements, making it challenging to find an engineer able to carry out the repair.

What have we done?

We have been working with our instrumentation, control and automation. Senior management are aware and involved in solving the issue.

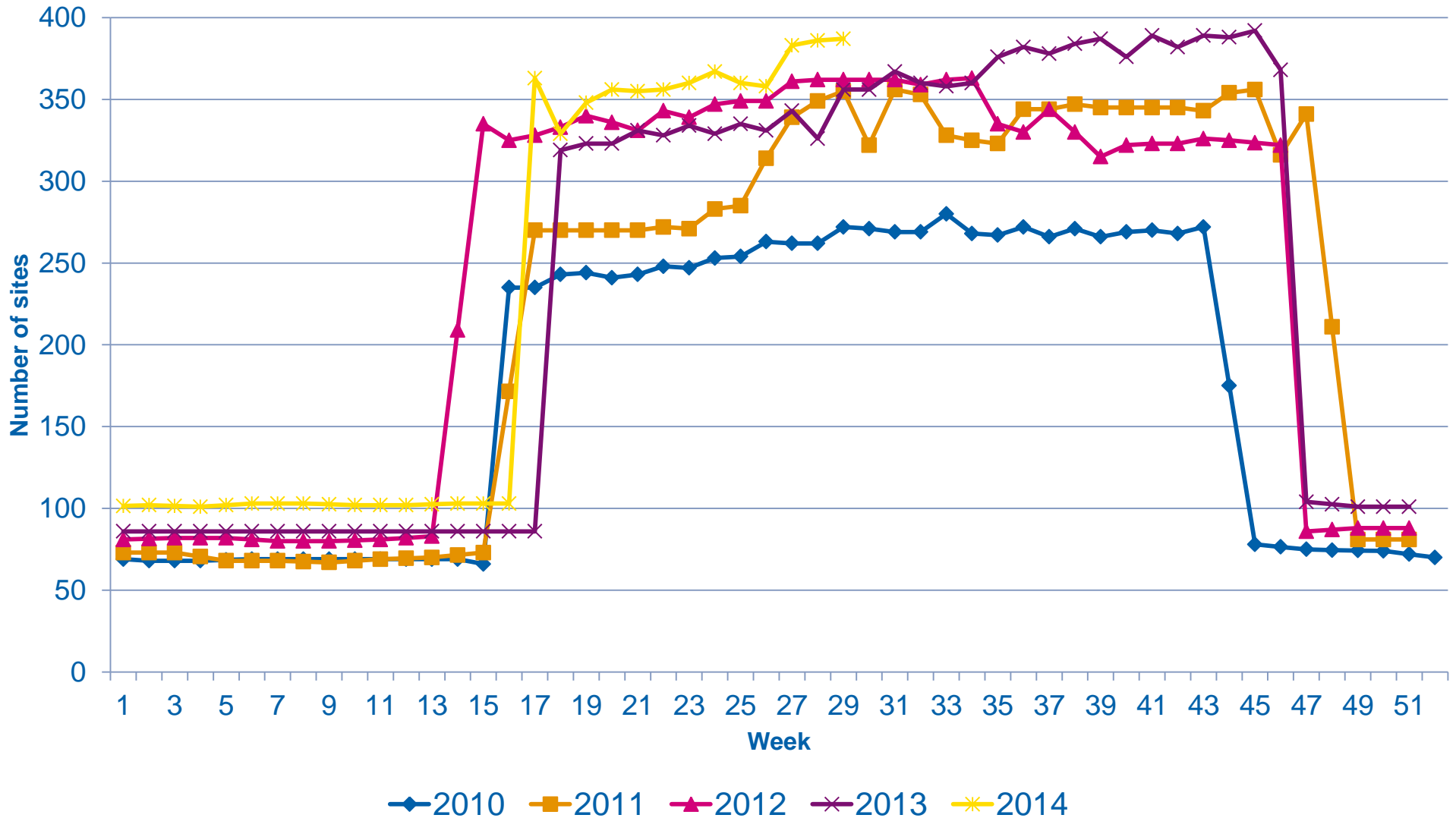
What are we doing?

We are now working with an external contractor, Z-Tech, who are trying to solve the issue.

# Mosquito survey results

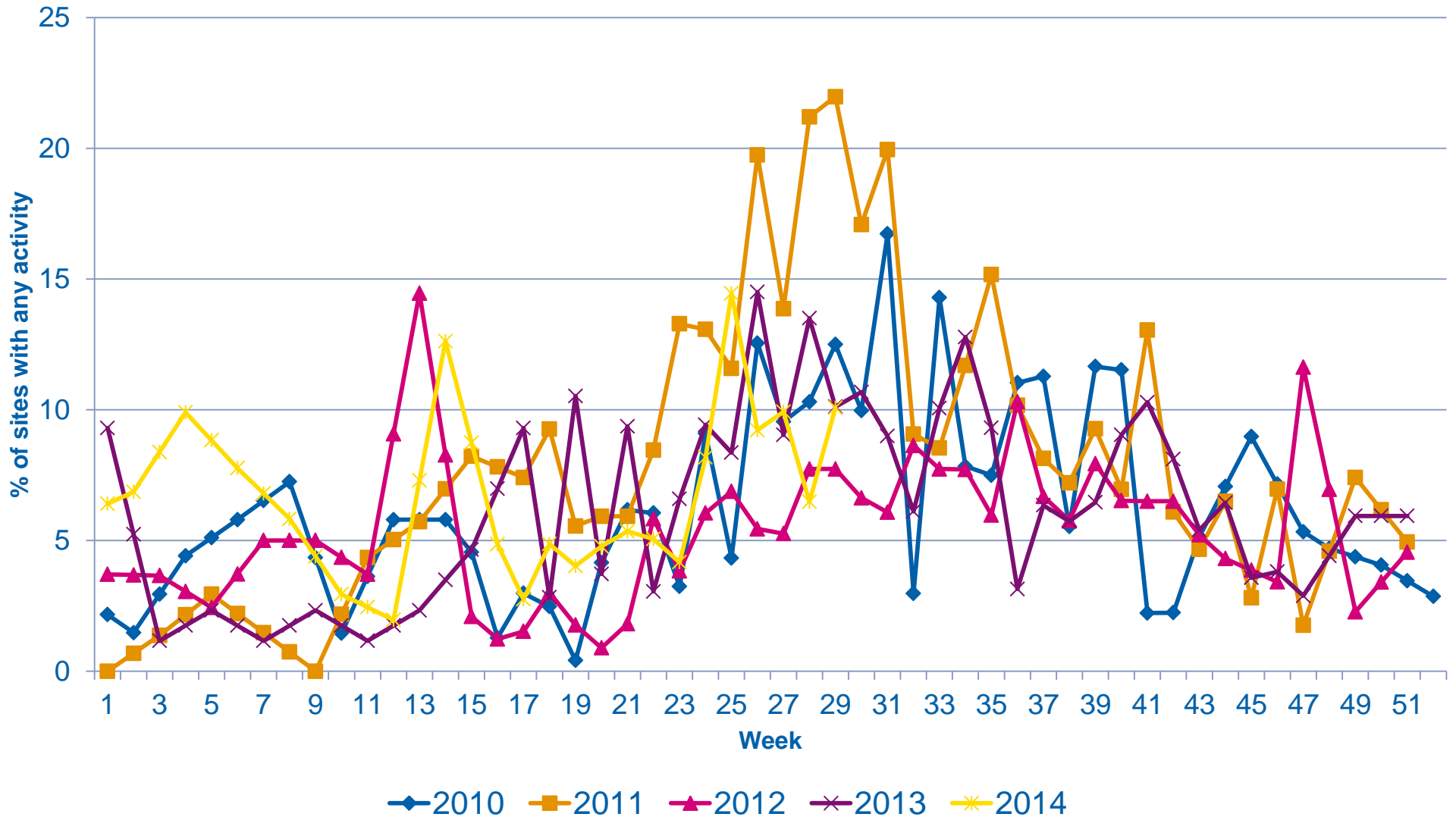


## Number of sites surveyed



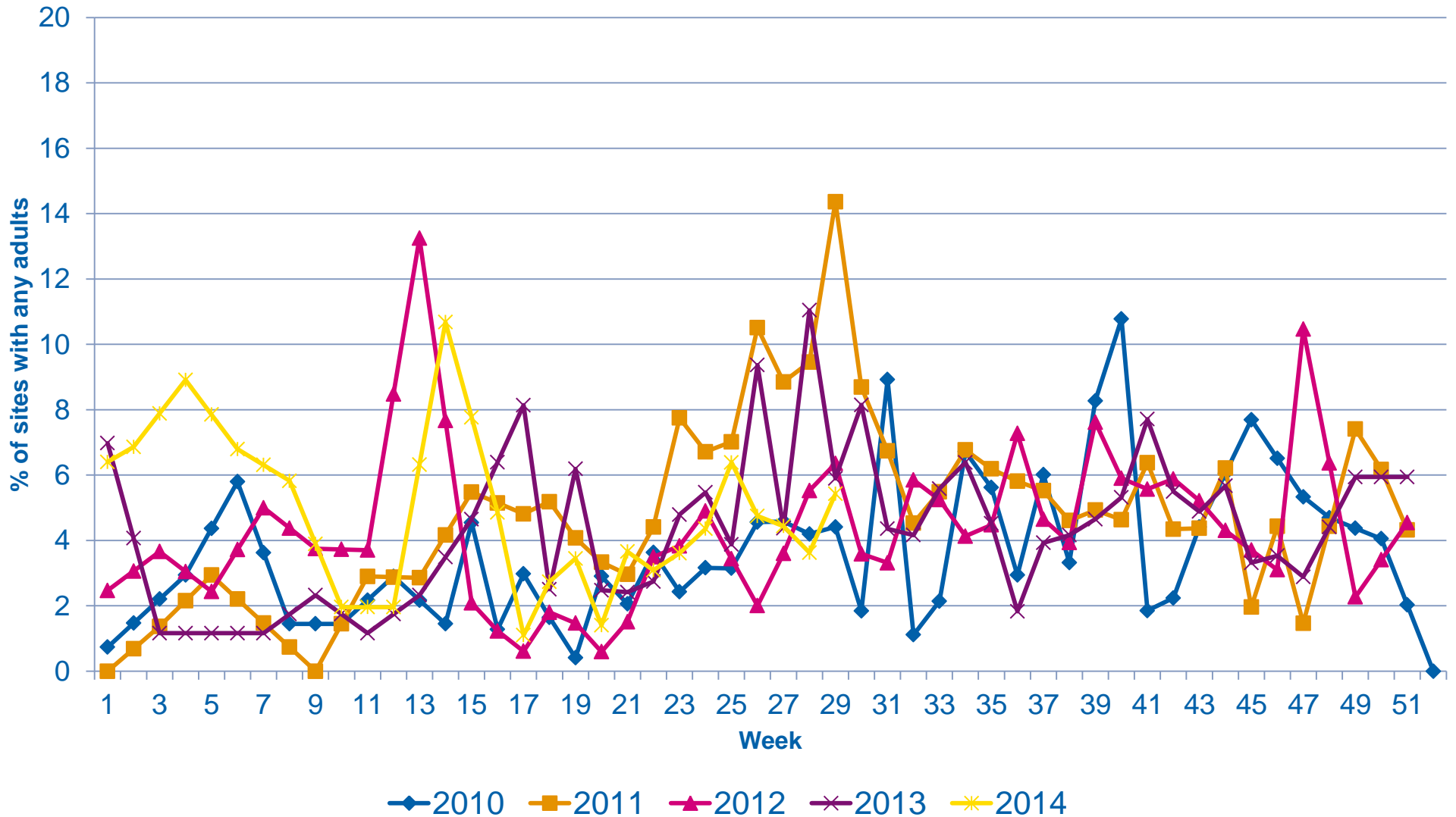
# Mosquito survey results

## Sites with any activity



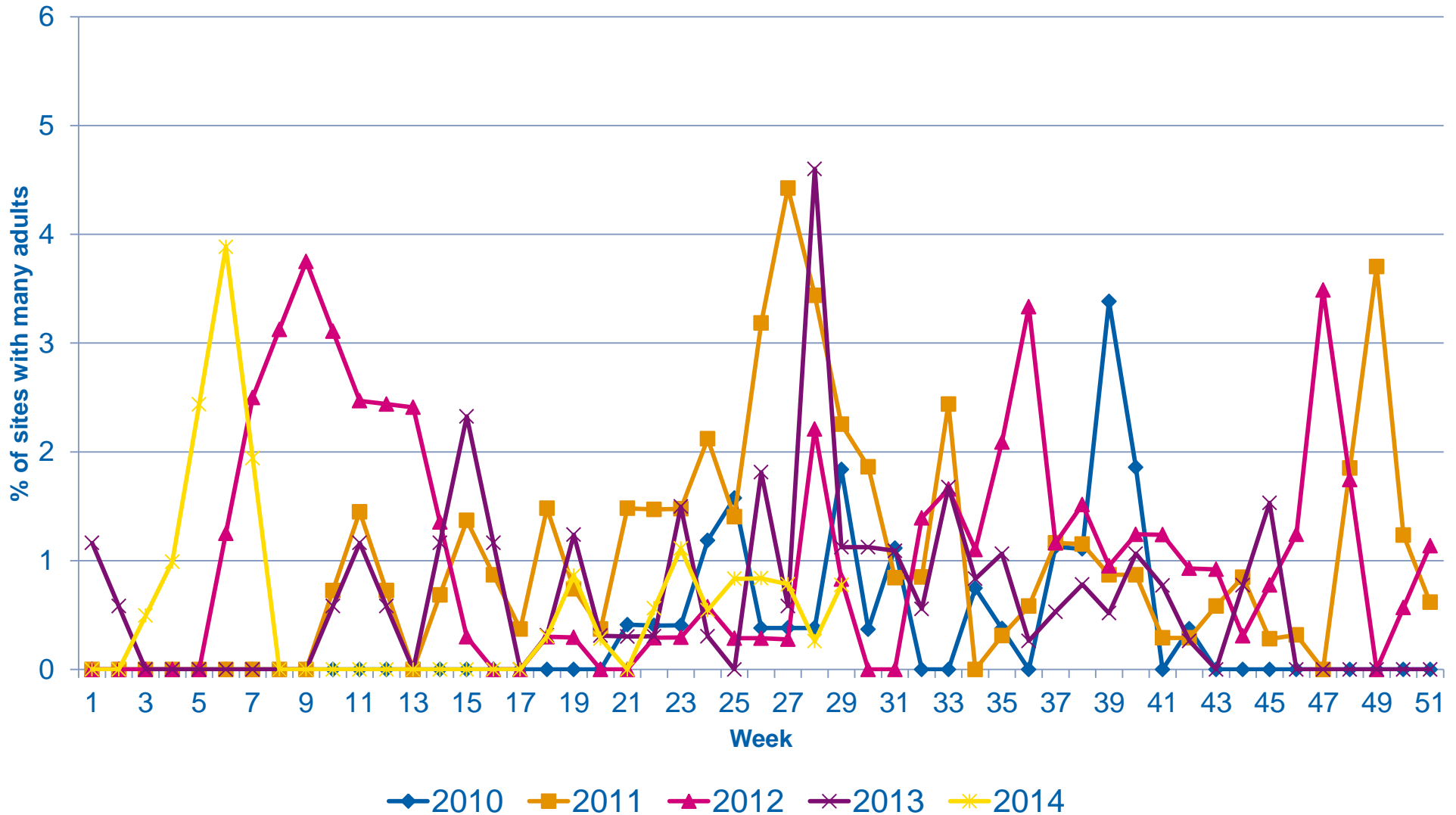
# Mosquito survey results

## Sites with any adults



# Mosquito survey results

## Sites with many adults

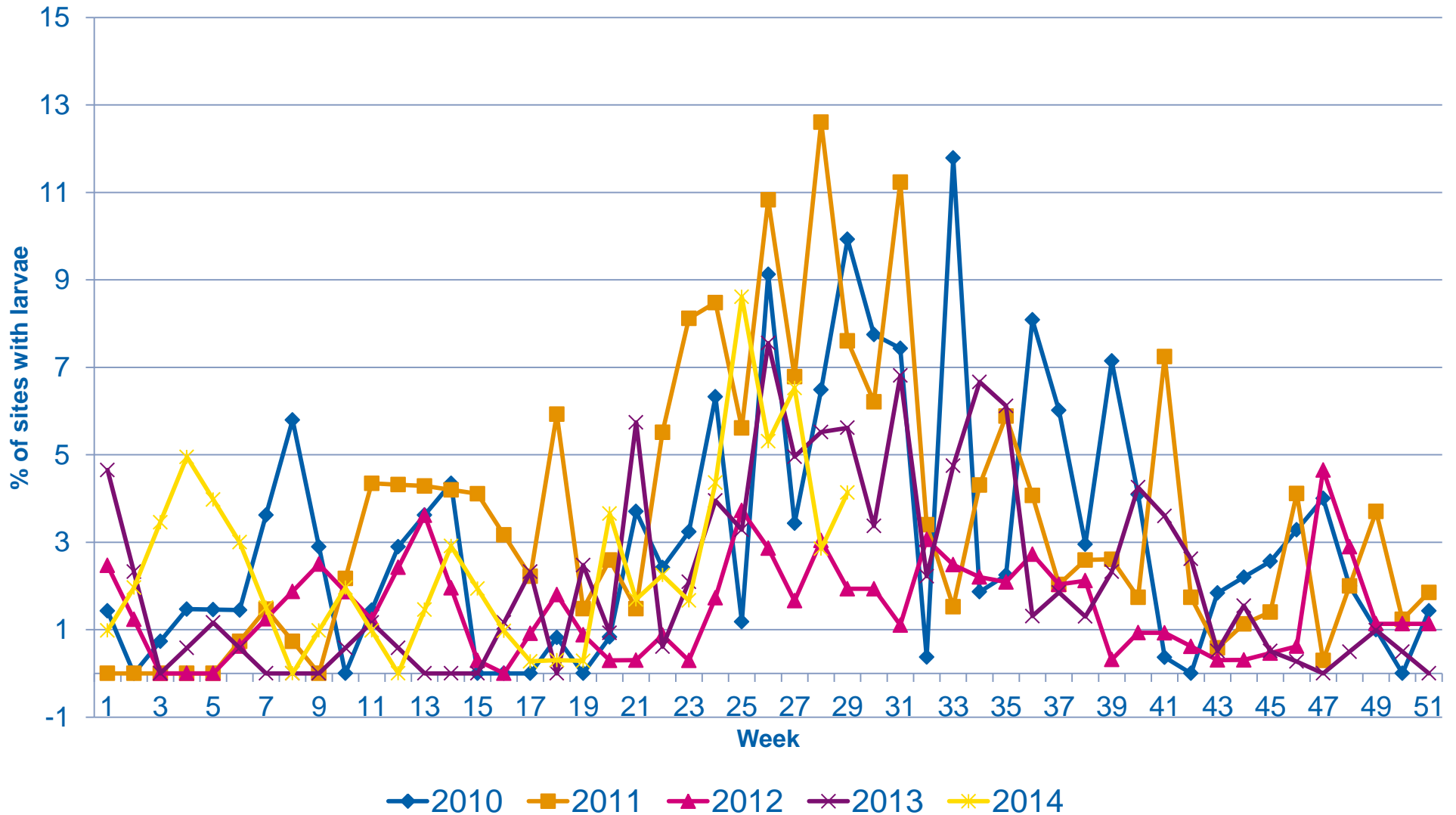




# Mosquito survey results



## Sites with larvae



# AOB

# Proposed dates of future meetings

- Wednesday 8 October 2014
- Wednesday 4 February 2015
- Wednesday 10 June 2015

# Need to contact us about Mogden?

Call the Mogden 24hr line: 0845 641 0030

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

Write to us:

Customer Feedback

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