

Mogden Sewage Treatment Works

Residents Meeting

4 February 2014



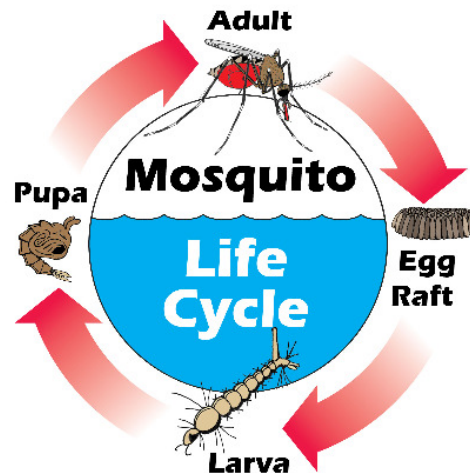
Agenda

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

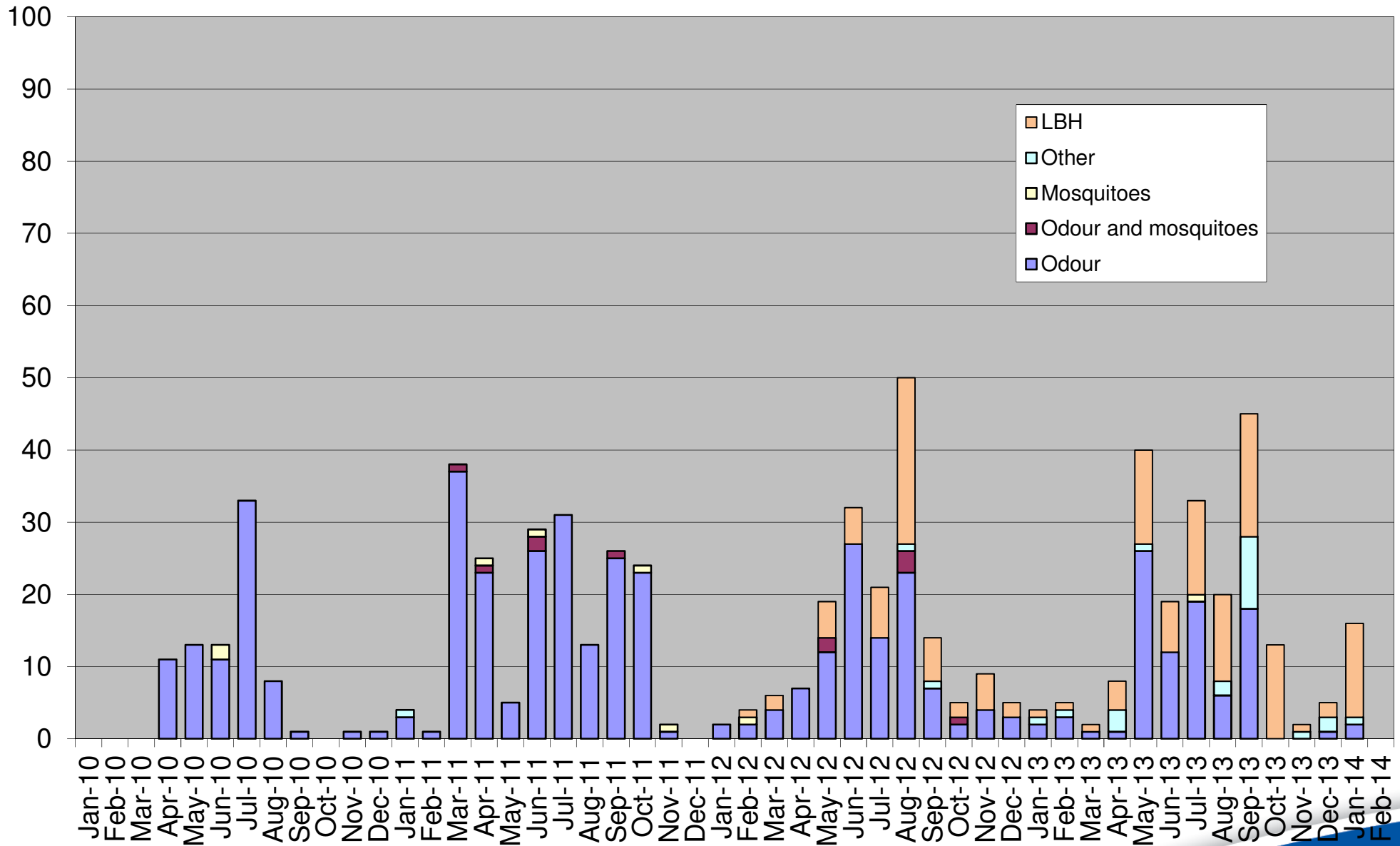
Operations and communications

Update

- Following the completion of the extension last year, Battery E had to be 'run in'. This has been completed and the extra plant is fully optimised since November.
- The Odournet olfactometry report has been received and shared with the London Borough of Hounslow.
- The next Modgen Update newsletter including the mosquito awareness campaign is being prepared to be sent out in April.



Operational correspondence



Odournet report

Summary

- Overall, the report considers Mogden to be within the normal operating parameters for a process of this type and size.
- However the results show a higher level of odour than anticipated in our planning application.
- We have put together an action plan to address the specific issues identified by Odournet – some of these activities were already in progress before their report was received.

Odournet report

Recommendation 1

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

We had already started the process of replacing the carbon media due to the life expectancy of the media.

It is important to note, however, that 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

We consider the measurements obtained by Odournet during their survey to be unrepresentative of the normal performance of this unit. Our weekly monitoring showed that the unit was performing as expected shortly after, but this will be confirmed in Odournet's follow up survey.

Odournet report

Recommendation 3

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

The accumulation of scum in the new activated sludge plant was not anticipated. Therefore, an automated spray system is to be installed to break-up the scum. The procurement of the equipment has started and the project is expected to be finished by the end of April 2014.

In the meantime, the tanks are being manually hosed on a regular basis.

Odournet report

Recommendation 4

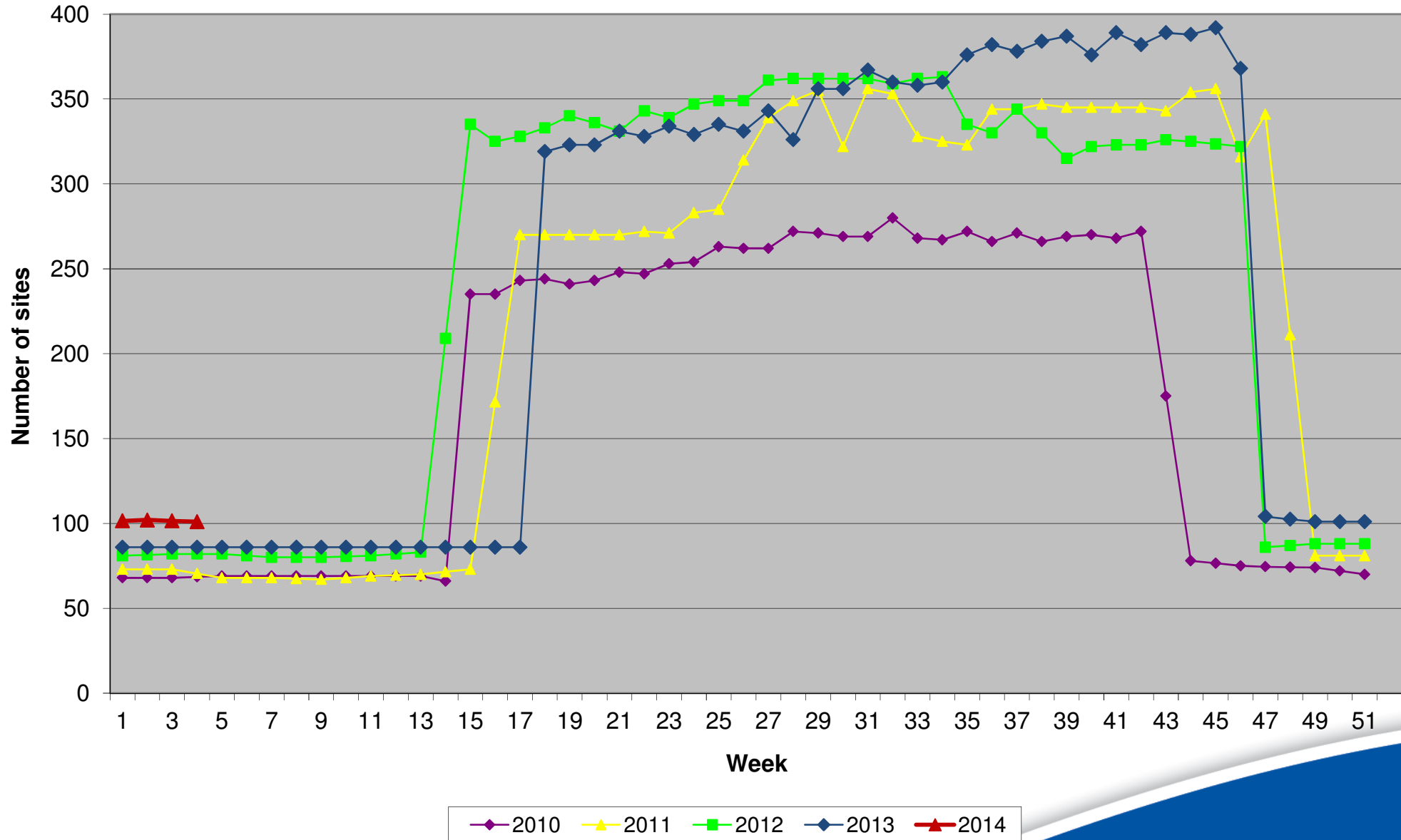
Review the operational procedures around the storm channels to reduce retention of storm water in between storm events

The operational procedures for the management of the storm tanks have been revisited as part of the six-monthly OMP review, and discussed with the London Borough of Hounslow.

In summary, the storm tank feed channels will continue to be the subject of daily inspections, but their status will now be recorded on the daily storm tank check sheets.

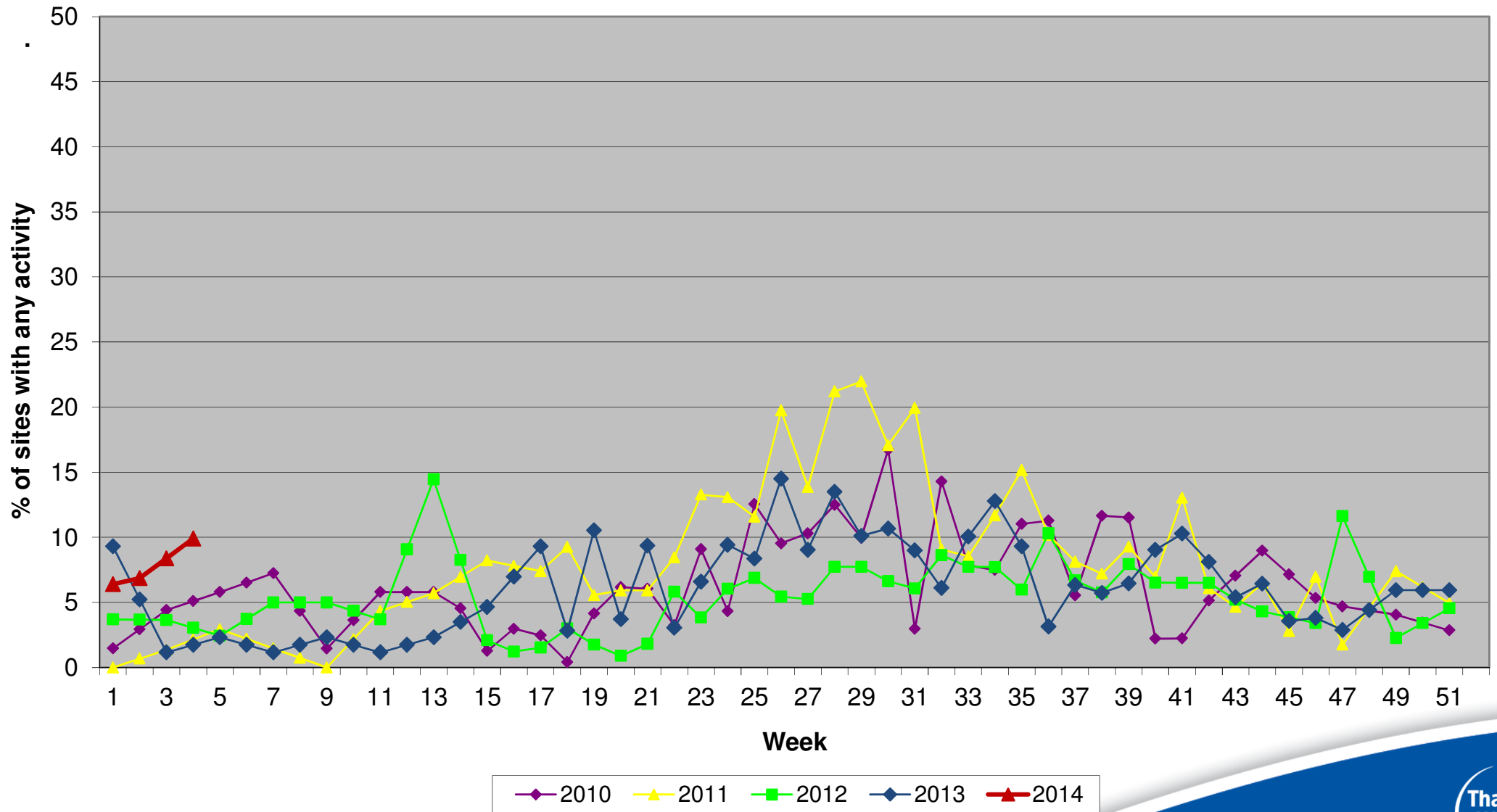
Mosquito survey results

Number of sites surveyed



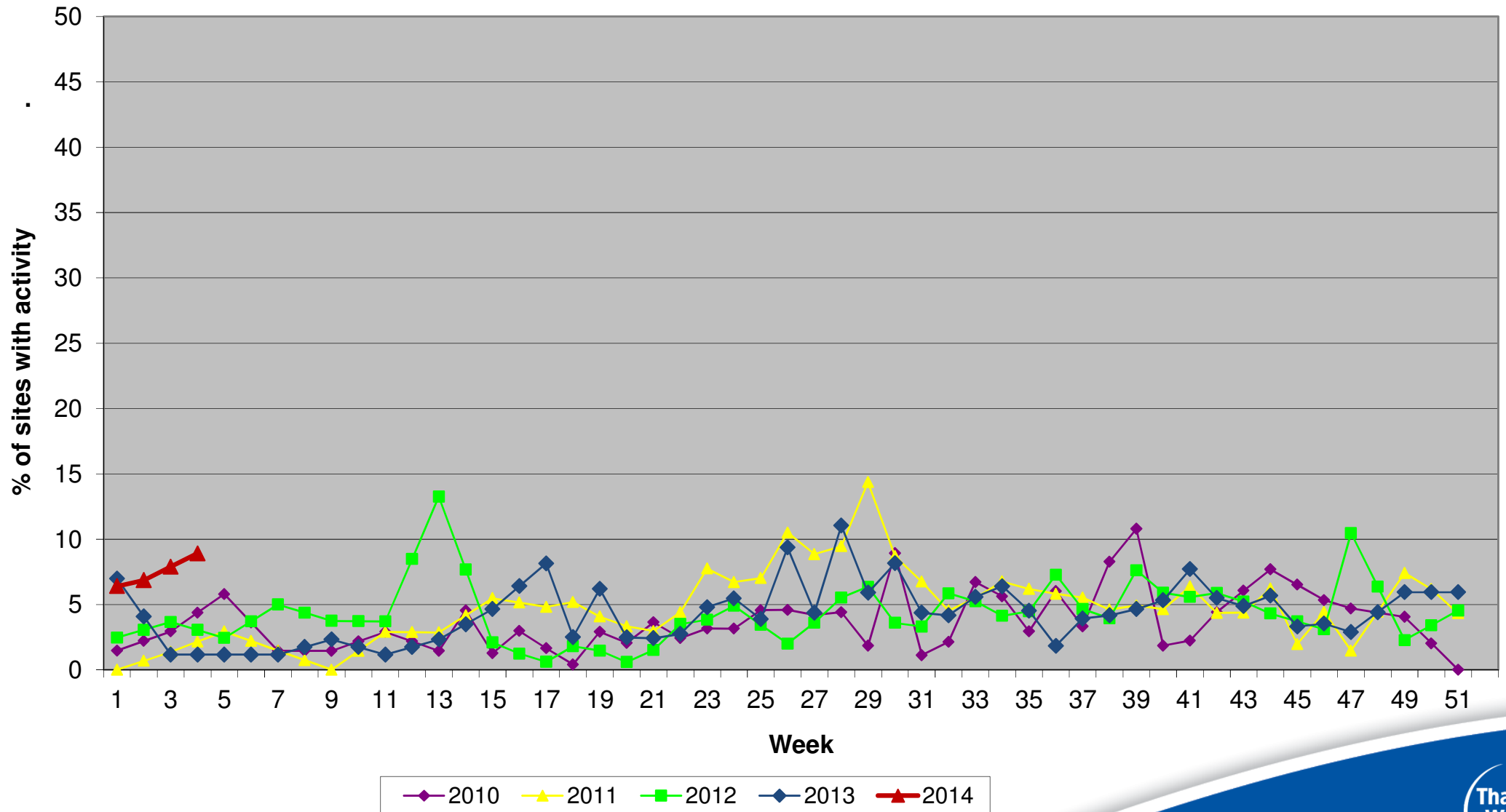
Mosquito survey results

Sites with any activity



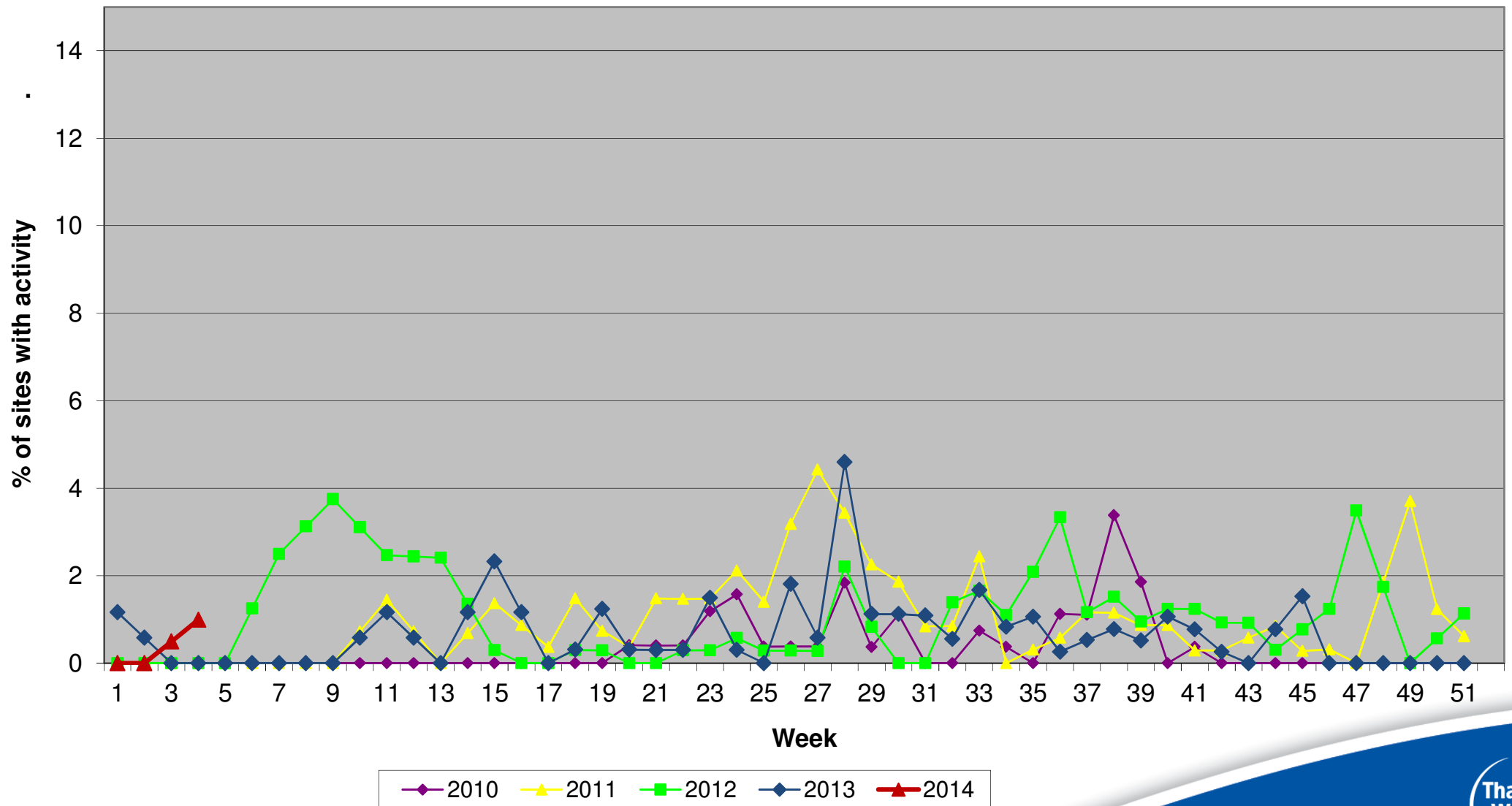
Mosquito survey results

Sites with any adults



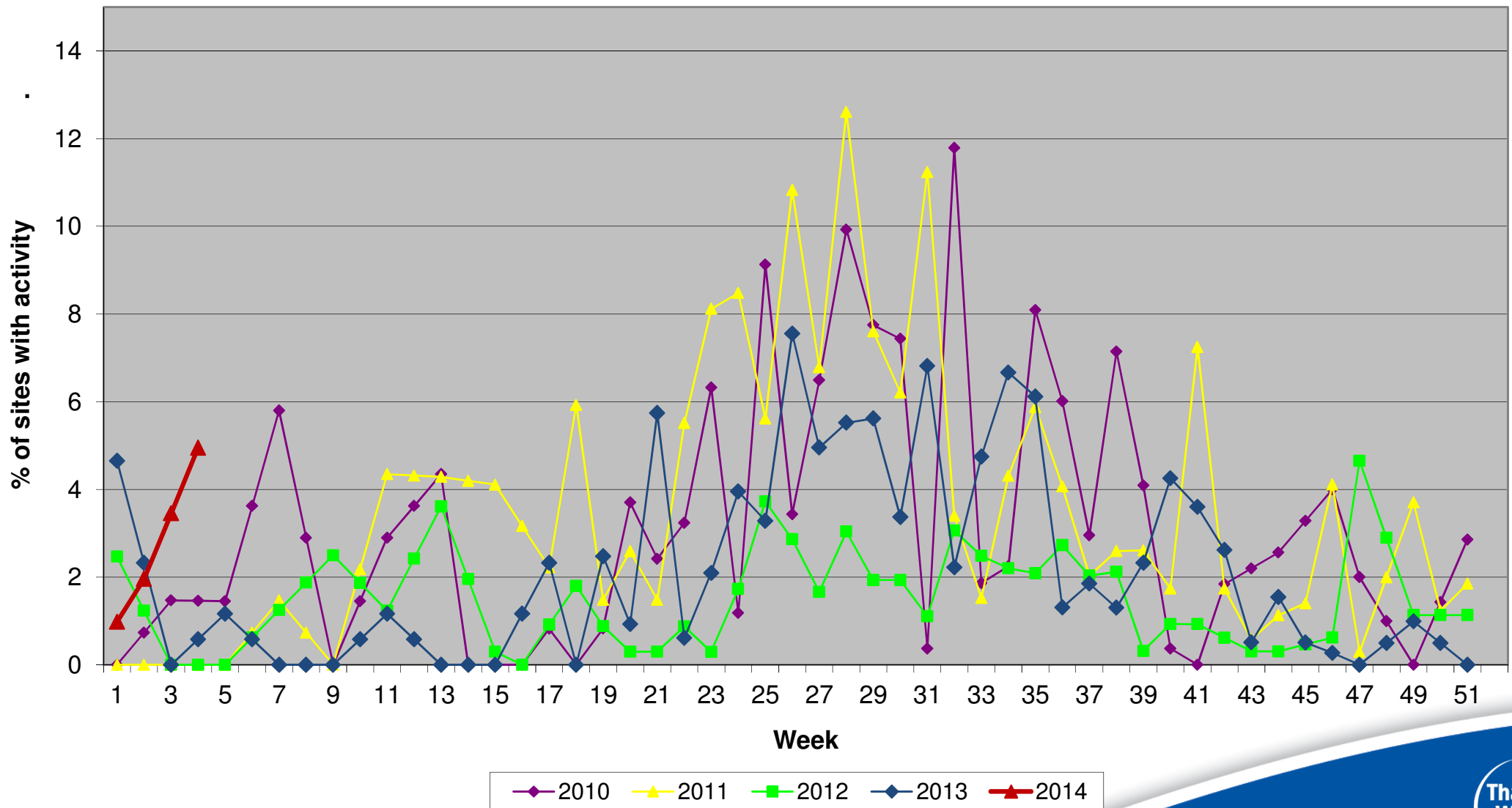
Mosquito survey results

Sites with many adults



Mosquito survey results

Sites with larvae



AOB

Proposed dates of future meetings

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

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Visit our website: www.thameswater.co.uk/mogden

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Customer Feedback

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