

# **Mogden Sewage Treatment Works**

## **Residents Liaison Meeting**

**06 June 2019**





**Mogden**

## Mogden Residents Meeting

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# Agenda

### Welcome and introductions

- **Review of previous minutes and actions**
- **Operations update:**
  - New sludge thickening building
  - Security fence
  - Lower Thames Abstraction Mitigation Project Update
  - Mogden update
- **Customer communication & engagement:**
  - Complaints update
  - Mosquito update
- **Biodiversity Update**
- **Any other business**

# Operations Update





eight<sub>2</sub>O

## Mogden Sewage Works

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# Current investment work: New sludge thickening building

- **Current phase**
  - Gravity Belt thickeners in service, and taking all site SAS thickening demands
  - Stage commissioning complete
  - Conversion of Picket Fence thickener to a Buffer tank starts 10<sup>th</sup> June
- **Milestones**
  - Construction Completion : 20 Sept 2019
  - Beneficial Use (BENF) : 20 Sept 2019 (GBT's May19)
  - Take – Over : 24 November 2019



# Surplus Activated Sludge (SAS) Thickening Building



# eight2O Update

- H116 Project Update ~ SAS Building Eastern Elevation



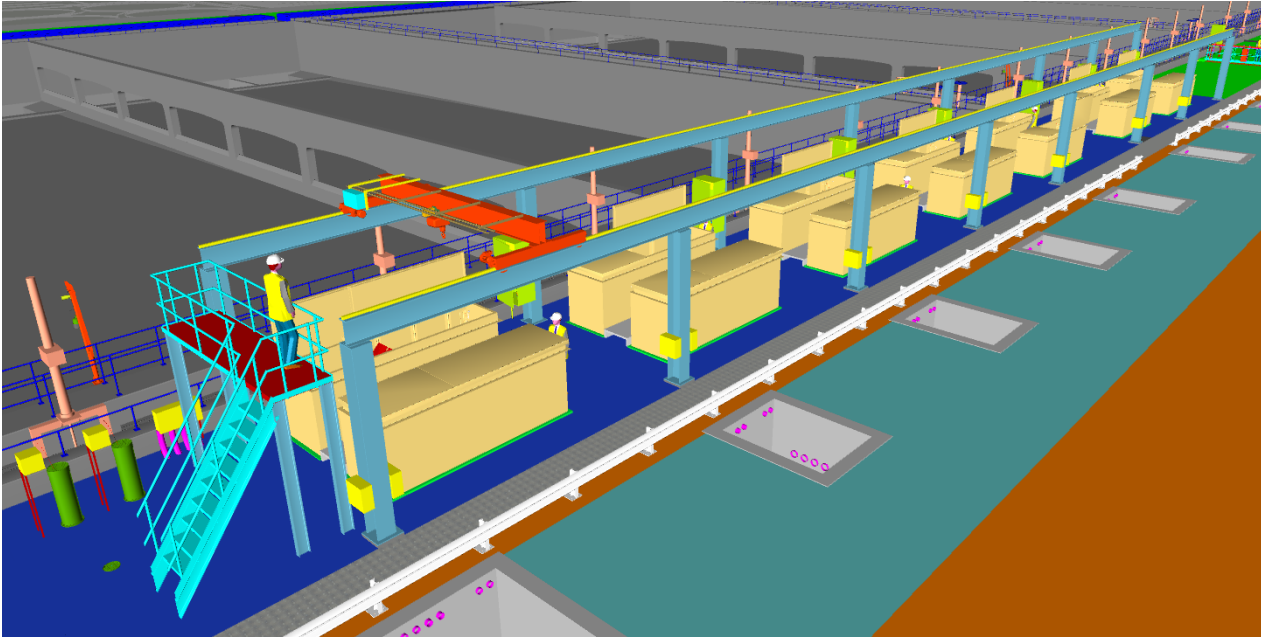
# eight2O Update

- H116 Project Update ~ SAS Building Alfa Laval Gravity Belt Thickeners



# eight20 Update

- H467 Lower Thames Abstraction Mitigation Project Update



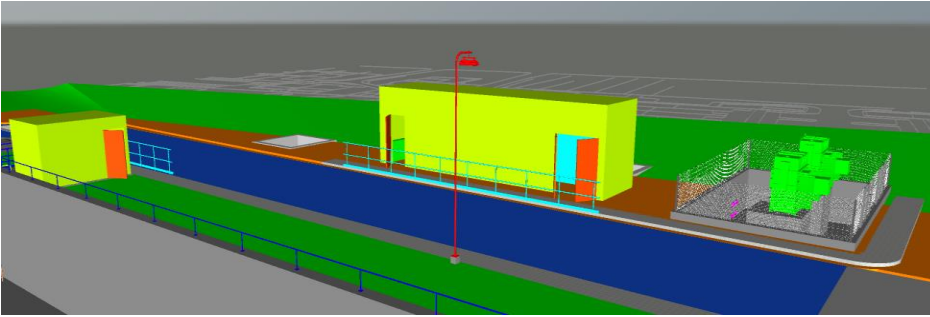
The aim of the LTAM scheme is to add oxygen to the final effluent going into the River Thames from Mogden STW during low flows by adding 14 No. aerators through the top of the existing out fall culvert, there is many associated parts to be built i.e gantry crane, aerators with kiosks, metal work - access platforms. The scheme is due to be completed by March 2020



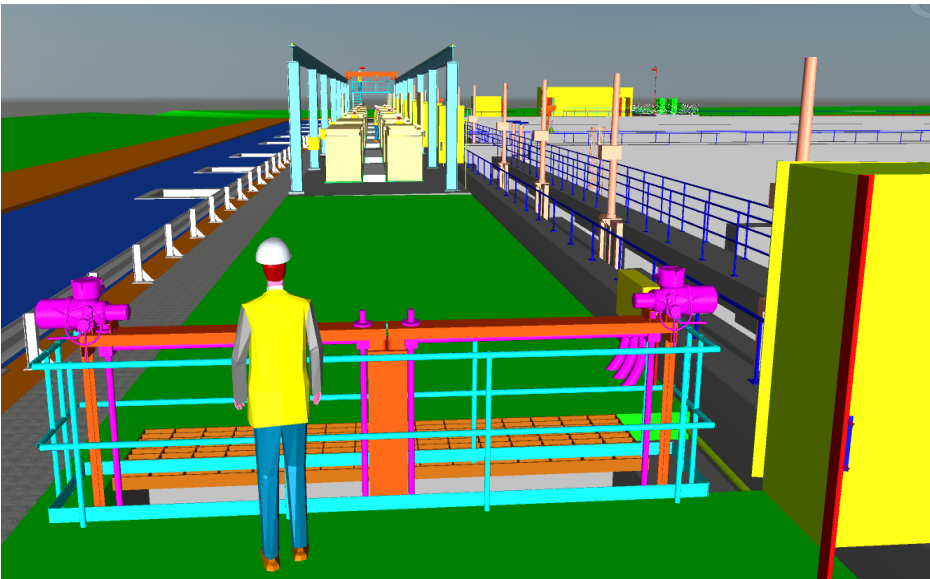


# eight20 Update

- H467 Lower Thames Abstraction Mitigation Project Update



The scheme also involves construction of a new Wash water kiosk, MCC kiosk and Transformer to power, control and maintain all new aerators



A weiring penstock will be installed the full width of the FE culvert D/S of the blowers and will be lowered to increase flow heights when blowers are turned on so the water can be agitated creating oxygen.





## Mogden Sewage Works

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# Current investment work: New Security Fence



- Footpath fence complete.
- Hounslow highways to resurface the footpath from Oak Lane to Whitton Dene.
- Footpath to be closed by the council in order to carry out the work. Oak Lane residents has been informed in writing as well as published on the council website and via social media.
- Works to start week commencing Monday 24<sup>th</sup> June

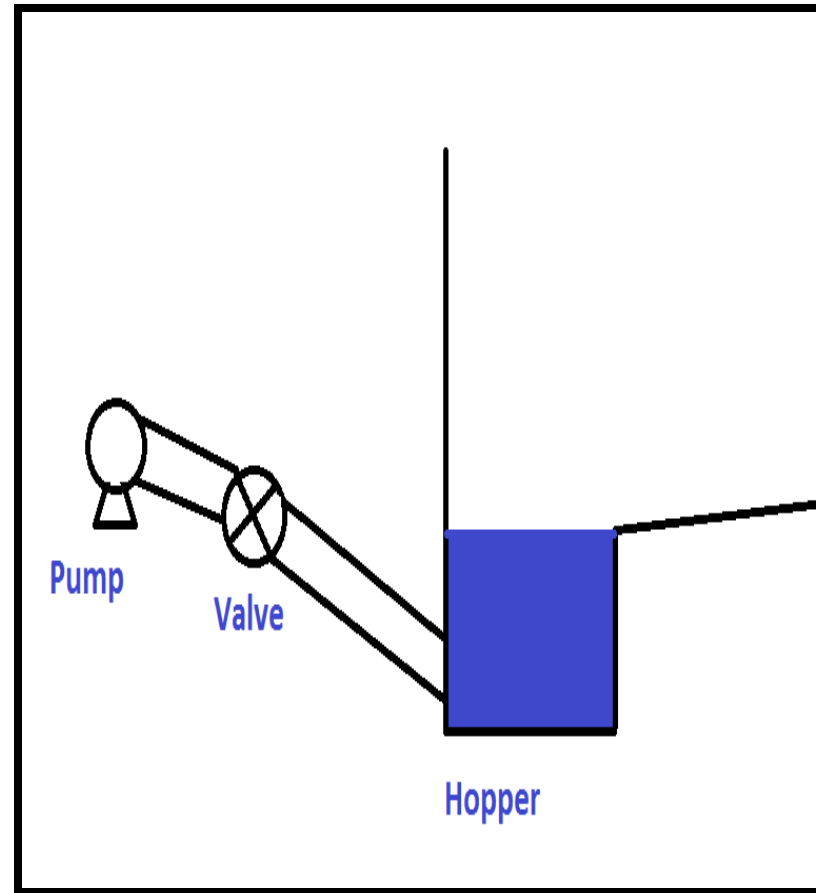


# Mogden Update



# Mogden update: Storm Tank Hopper Improvements

- All hoppers cleaned at the start of the project – May 2019.
- Knife valves refurbishment to be completed by end of July.
- Storm return pumps to be replaced by end of July.
- Final clean up on 1<sup>st</sup> August.



# Mogden update: Refurbish and enhancement of Odour Control Units.

OCU11 – Carbon media changed. Fractured ducting repaired and refitted fan.

OCU12 – Work starts on June 4<sup>th</sup>. Bio-filters to be repaired. Chemical dosing system will be repaired and refurbished.

OCU PS7 – Carbon changed in March. Fan fixed. Inlet duct work modified for greater efficiency.

OCU PS14 – Carbon media changed in March.  
Eastside OCU – Programmed in for August.

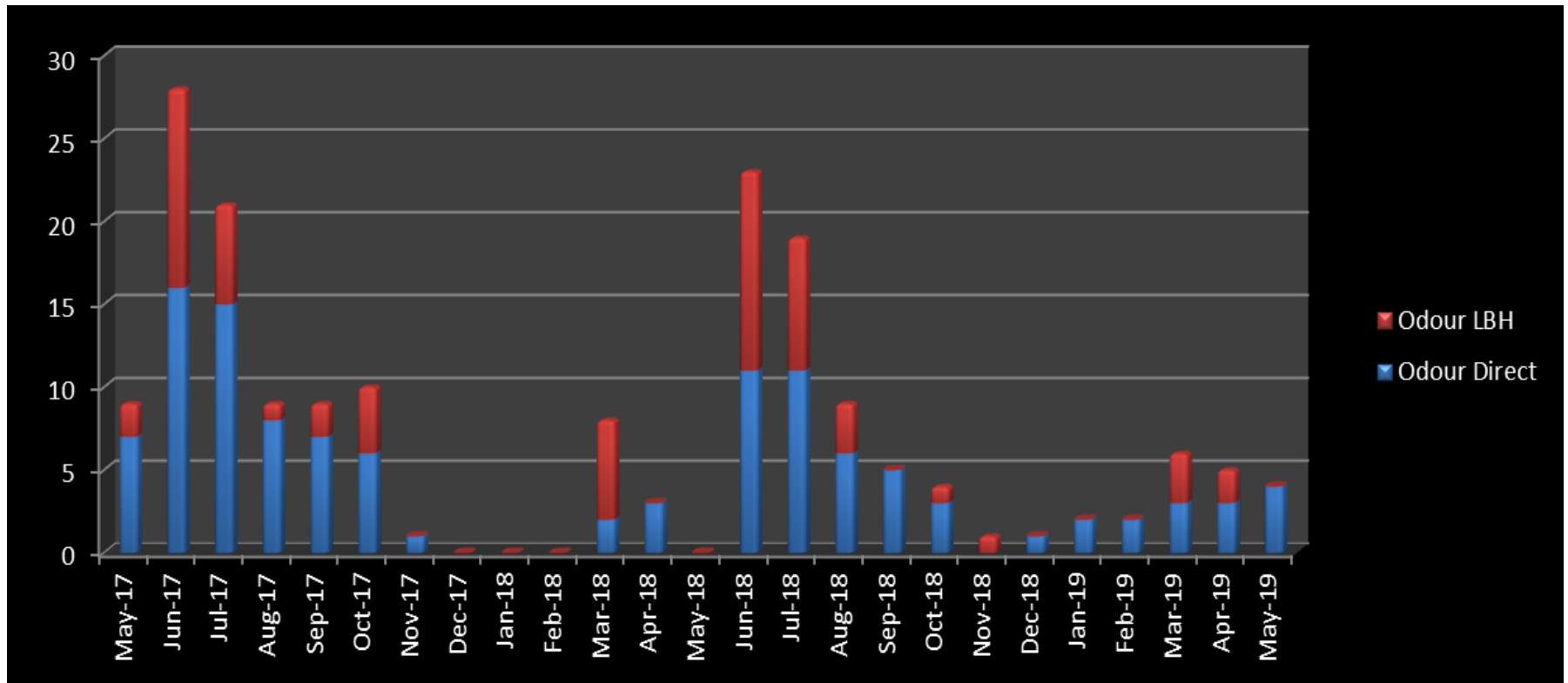


# Customer communication & engagement



# Mogden Sewage Works- Odour complaints update

Number of complaints May 2017 to date



# Mogden



## Your Mogden update.

### Helping to control mosquitoes in your area.

We follow a strict year-round programme to control the growth of the mosquito population at Mogden Sewage Treatment Works. The London Boroughs of Hounslow and Richmond upon Thames are also working hard to keep the mosquitoes outside of the site under control.

Did you know, hundreds of mosquito eggs can grow in as little as a standing cup of water? Here are some tips you can follow at home to stop that happening.



#### Using insect repellent

The chemicals in the many available insect repellents (including natural insect repellents) also work to repel mosquitos. Always use them according to the manufacturer's instructions, especially when used near small children.

#### Using insect repellent?

Contact your local authority if you find mosquitoes or if you're worried about being bitten. They'll investigate and provide you with advice.

#### Get in touch

This leaflet was produced jointly by Thames Water, the London Borough of Hounslow and the London Borough of Richmond upon Thames. If you'd like to know more, contact us using the details below.

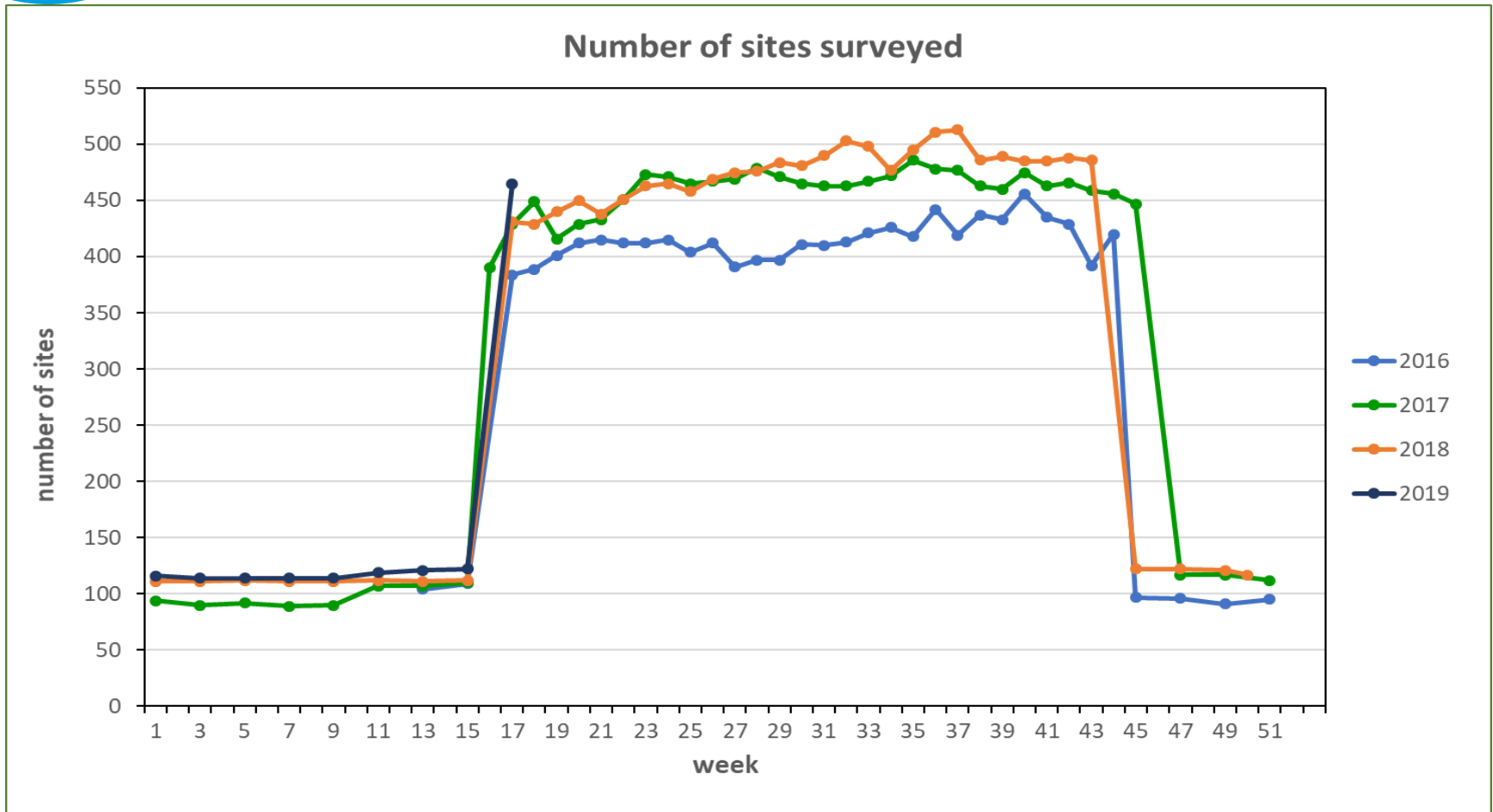
Thames Water  
0800 009 3084  
mogden@thameswater.co.uk

London Borough of  
Richmond upon Thames  
020 8801 7117  
commercial@richmond.gov.uk

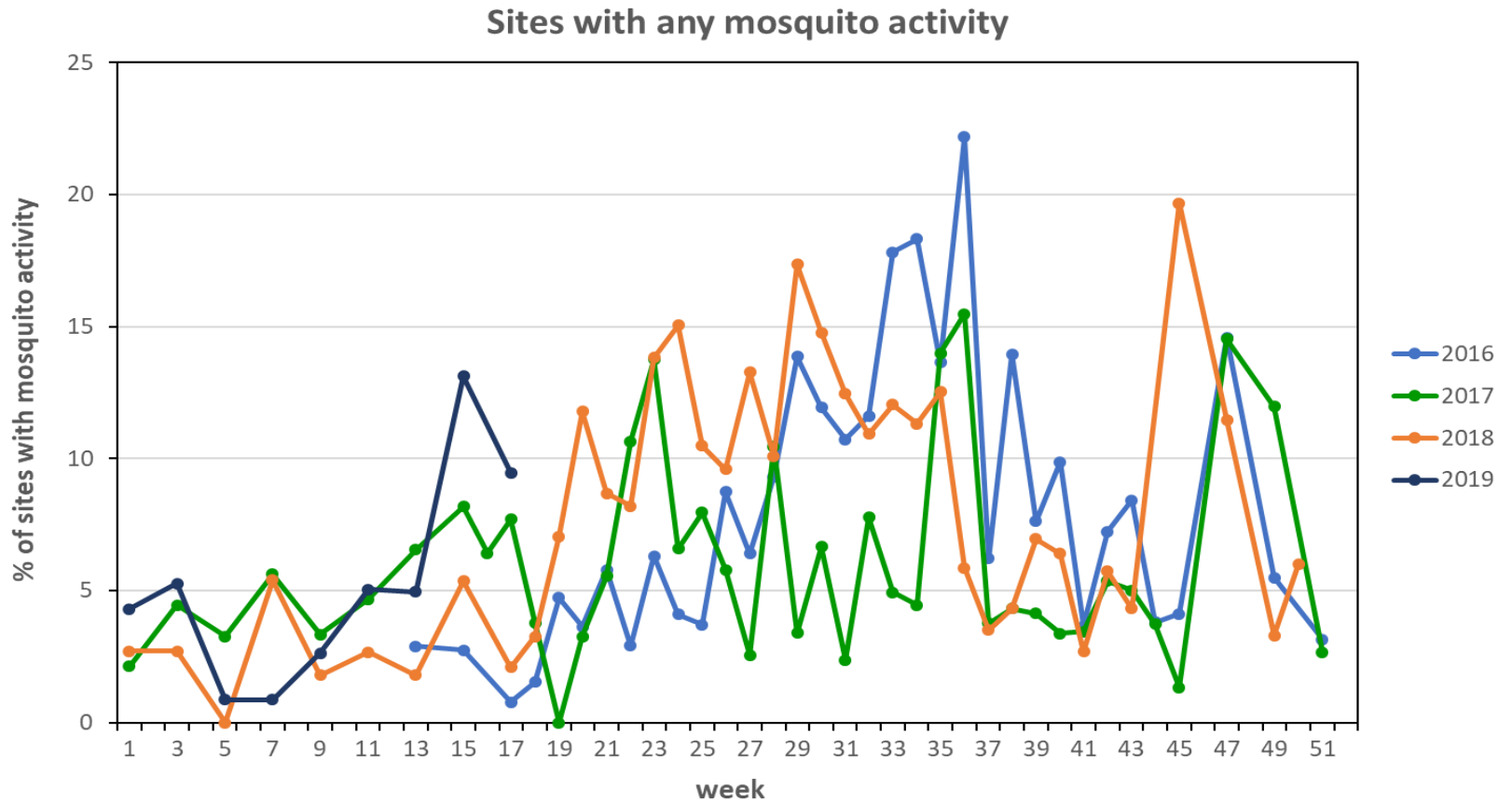
The London Borough  
of Hounslow  
020 8583 2000  
pestcontrol@hounslow.gov.uk



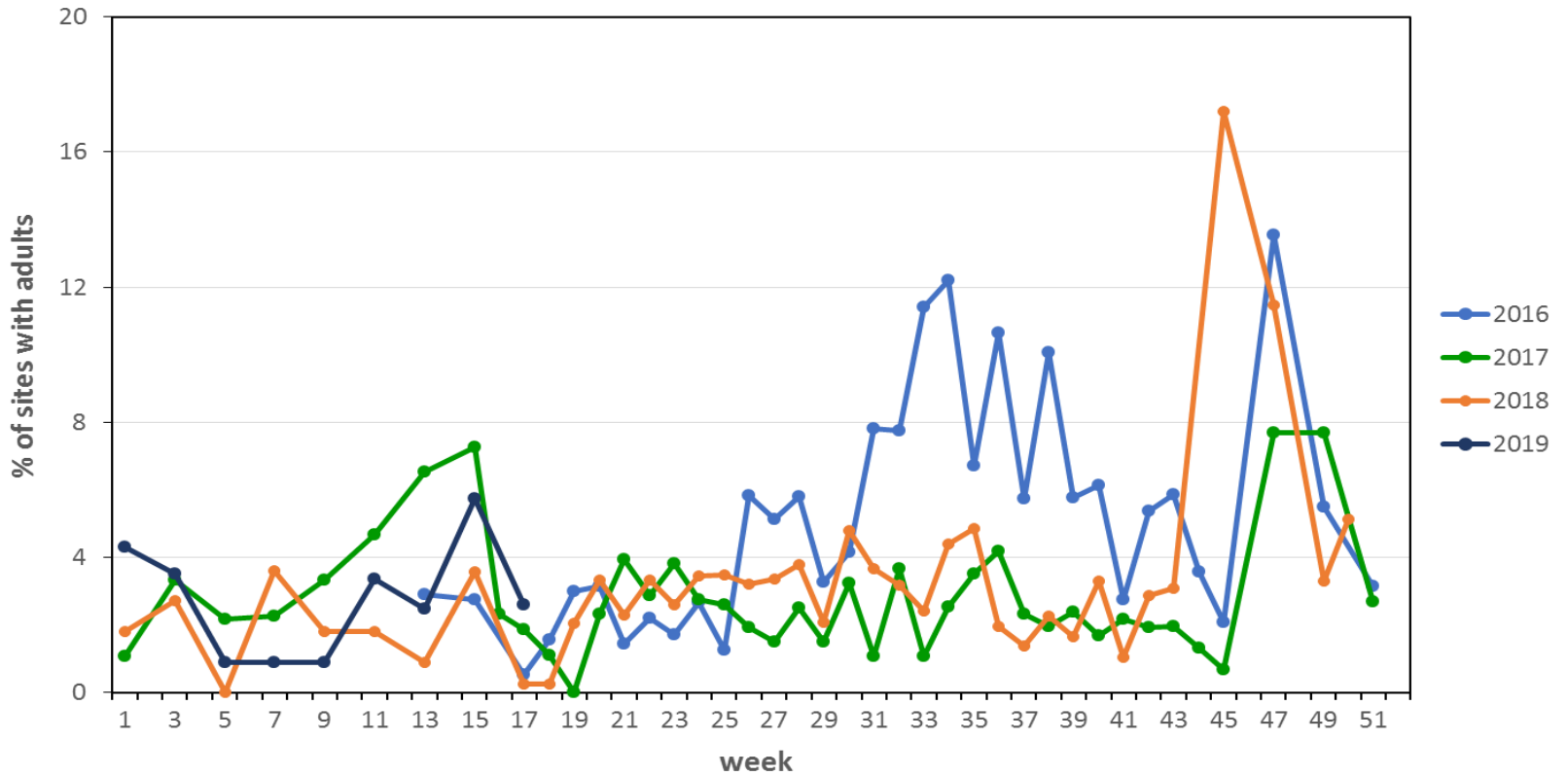




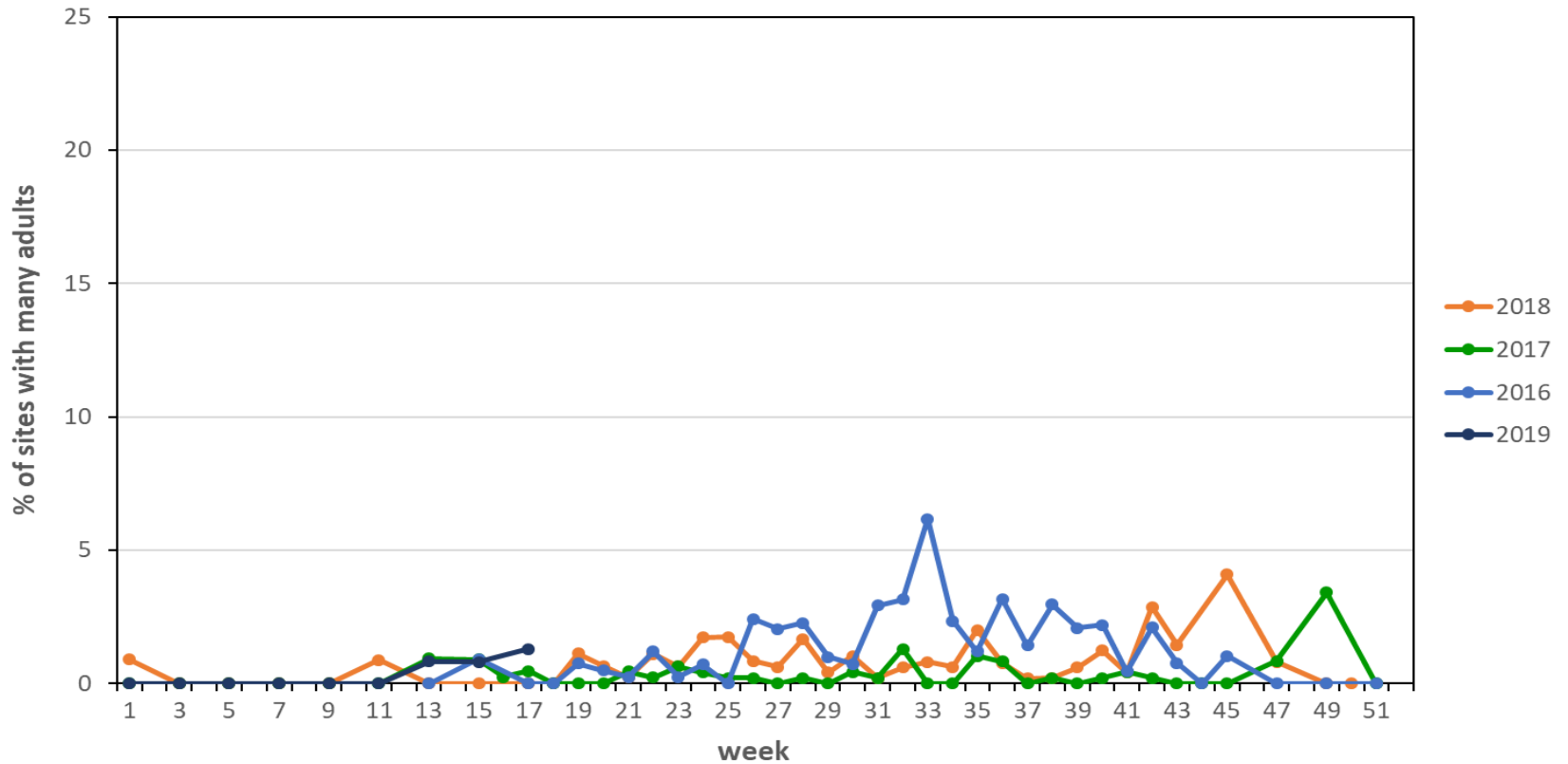
# Mogden Sewage Works – Mosquito update



Sites with any adults

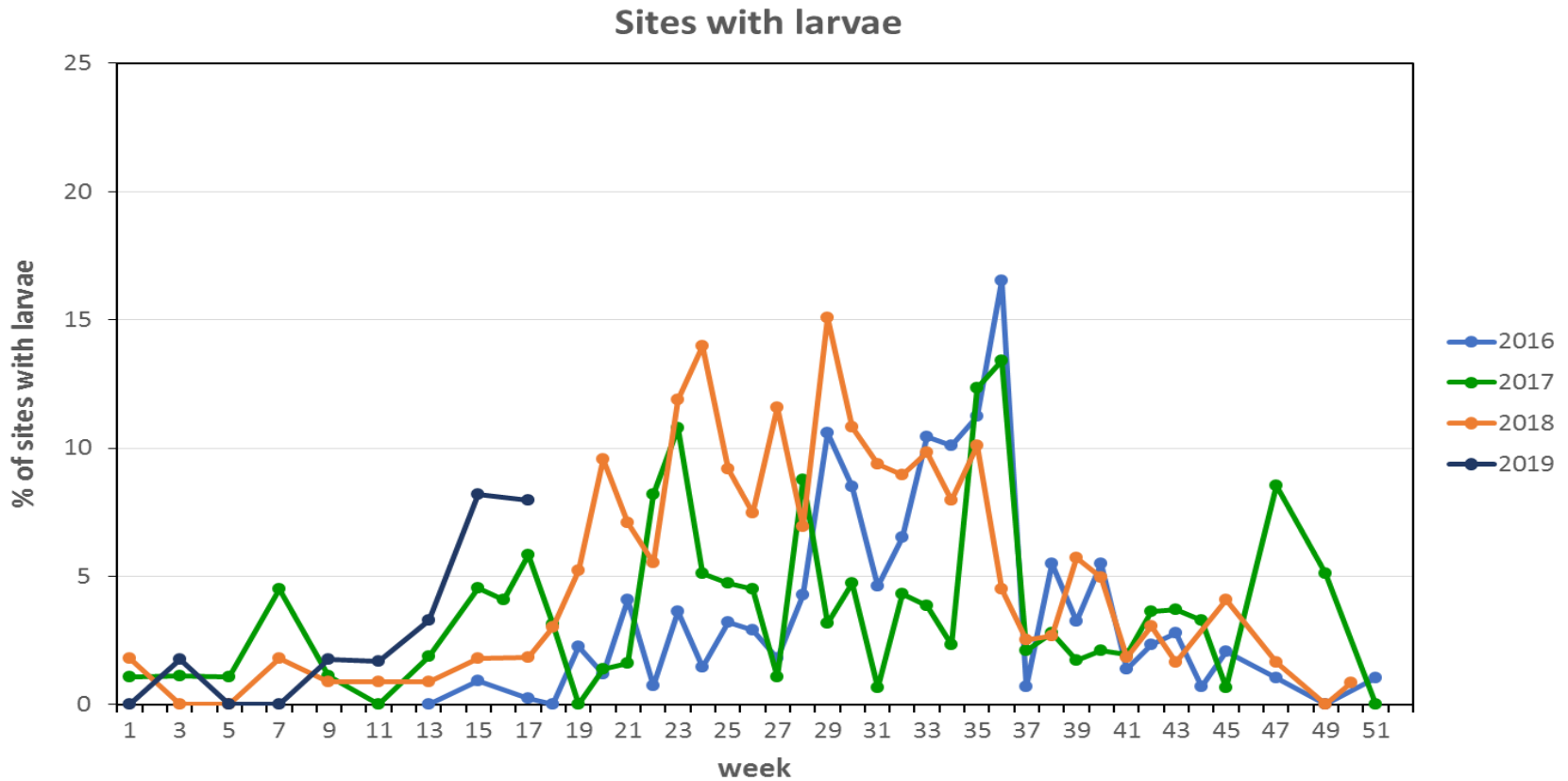


### Sites with many adults



# Mogden

## Mogden Sewage Works – Mosquito update





# Mogden Sewage Works Biodiversity Update

05/02/2019

Jane Clarke

Kempton Nature Reserve Manager

# Mogden STW Biodiversity



- 14 Bags of Rubbish were collected by a morning and afternoon groups Eight20 & Thames Water staff- 17/04/18
- Topographic survey/fish pass



# AOB





# Thank you

