The Hogsmill Forum
2017
The Aims of the Hogsmill Forum

- Bring the network of Hogsmill volunteers together under one set of priorities
- Improve communication between the catchment partnership, statutory agencies and volunteers
- Support the long term development of river based voluntary work in the catchment

Funded by the City Bridge Trust
Hogsmill Forum

• RMI, Outfall Safari and Storm Tank meeting feedback Joe Pecorelli, ZSL

• Update on Thames Water’s Surface Water Outfall Programme Ruta Akelyte, Thames Water

• Pollution Prevention Work in the Hogsmill Catchment Neil Dunlop, Environment Agency

• Water for Wildlife opportunities with London Wildlife Trust Jane Clark, London Wildlife Trust

• Fish in the Hogsmill Daniel Griffiths, Environment Agency

• New Funding for the Hogsmill Catchment Elliot Newton, The Environment Trust

• Open discussion and planning for the next year led by SERT and ZSL (SERT are gathering project proposals for a large scale funding application)

Photo, feedback

Break for Lunch
Figure: Results of 2016 RMI on the Hogsmill River.

Location of sites surveyed by Citizen Scientist in 2016 on the Hogsmill River. The area of the circle corresponds to the average RMI score for each site.

Legend

2016 Survey Results
- Olives baetidae
- Caseless caddis
- Cased caddis
- Gammarus
Mean RMI scores for sites sampled in 2016 and the % of samples that breached the site trigger level

<table>
<thead>
<tr>
<th>Site</th>
<th>2016 mean RMI score</th>
<th>% of samples that breached the trigger level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Middle Mill</td>
<td>5.3</td>
<td>27%</td>
</tr>
<tr>
<td>The Bridge at Berrylands</td>
<td>4.4</td>
<td>45%</td>
</tr>
<tr>
<td>Bonesgate Junction</td>
<td>6.4</td>
<td>0%</td>
</tr>
<tr>
<td>Ewell Storm Tank</td>
<td>4.7</td>
<td>40%</td>
</tr>
<tr>
<td>Green Lanes A</td>
<td>6.9</td>
<td>0%</td>
</tr>
<tr>
<td>Green Lanes B</td>
<td>7.9</td>
<td>0%</td>
</tr>
</tbody>
</table>
Data Reporting

• Work being done within the Environment Agency to better utilise riverfly data to inform environmental management. Please copy monthly data to kathy.friend@environment-agency.gov.uk

• To address the need to improve feedback to Hogsmill RMI teams. Please also copy data to Peter Short

New Volunteers

• Only six people joining the 2016 RMI training- how can we get more people involved?

Risk Assessment
RMI score extracted from EA invertebrate monitoring at Villiers Road downstream of the Hogsmill STW
The Outfall Safari
The Survey

• 1st October to 4th November, 2016

• 26 People took part (24 volunteers, 1 EA and 1 ZSL staff)

• 25.5 km of river surveyed
  – 19 km riverbank survey
  – 6.5 km in-channel survey through inaccessible reaches (different H&S rules apply)

• Keys to access sections of the Tolworth Brook provided by Kingston Local Authority
• 288 outfalls assessed 67(23%) showed signs of pollution scoring >0.
• 22 outfalls with impact scores of ≥8 reported to EA (ref: 1488390)
• Report Sent to Thames Water SWOP Team
Other Outcomes

• Photos now exist of all outfalls recorded during the safari, 2016- we need a standard referencing system

• A methodology for future use- every 2 years?

• Increasing collaborative working with the EA and Thames Water and built capacity to systematically monitor pollution sources on the river.
Epsom and Ewell Storm Tanks
This work is made possible with thanks to our funders, partnership organisations and intrepid citizen science volunteers

Joe Pecorelli
joe.pecorelli@zsl.org