Environmental Protection Team and the Surface Water Outfall Programme

ZSL

24th February 2016

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Misconnections

Check your home is connected right

Wastewater from sinks, showers or appliances may be polluting your local river.

Water from showers, toilets, sinks and appliances should connect to your foul sewer, so it can flow to your local sewage works for cleaning.

Rainwater runs off your roof, down your drainpipe and flows through surface water drains to local rivers helping the environment.

No appliances should be plumbed into your drainpipe. This sends waste into your local river killing wildlife.

To local river  To sewage works

Thames Water
Polluted Surface Water Outfall Programme (PSWO)

• Delivered by Environmental Protection Team – 5 members (+1), based throughout London, passionate, Environmental Science backgrounds

• Programme dictated by Environment Agency and Ofwat, EA decide on budget/outfalls per AMP

• Thames Water works on Asset Management Periods (AMP) – each AMP is a 5 year period

• Current (AMP6) PSWO Programme is largest ever with biggest delivery profile yet 200 (40/year)

• 35 projects delivered to date
Waiting list

- Waiting List contains all future projects for following year, outfalls continuously re-prioritised to become active

- Priority of the outfall (project) relates to the condition compared with others on list
AMP 4 and 5 Summary

AMP 5 break down:

- Nearly 170,000 properties visited
- 3.35% properties misconnected
- Most frequent appliance - washing machines (22%), kitchen sinks 2nd (19%)
- Over 750 disconnected toilets
Projects on Hogsmill River

- Currently one project
- Elmbridge Avenue (Surbiton) – 4390 properties
- SCIP (Sub—catchment identification and prioritisation) completed
- Priority 2 – 1070 properties (7 sub-catchments)
- Misconnections identified – approximately 100 appliances in 38 properties
- Rectified misconnections – 16 properties
- Visuals – 6
- Outstanding misconnected properties – 16
- EHO

AMP6 projects on Hogsmill and its tributaries: Cox Lane on Bonesgate Stream
Hotspots

- Green Lanes Stream
  - South of Worcester Park Road
  - Ewell By Pass North
  - Sheephouse Way
  - Knollmead
  - South of Kingston By Pass (Malden Way)
  - Green Lane Bridge
  - Portland Road
Thank you. Questions?