**SuDS Asset Recording: Consultation**

**Questionnaire for Local Planning Authorities and Lead Local Flood Authorities**

As the implementation of SuDS becomes more widespread, it will be increasingly important that a complete and consistent record of SuDS assets exists in order that they can be managed effectively in the long-term, whoever the owner. Sustainable drainage systems (SuDS) are currently being adopted by a range of different organisations. With the recent proposals in Sewers for Adoption 8 (which is due to be published in 2019) and the commitments already made in Sewers for Scotland 3 (2015), it is likely that sewerage undertakers will have an bigger role in their ownership in the future.

To facilitate the integration of SuDS assets with traditional manhole and pipe surface water drainage systems, Water UK is undertaking this project to help define:

* a standard approach to representing SuDS on sewer maps;
* a standard SuDS referencing system;
* the information that needs to be collected for SuDS assets;
* a standard data model for information to be collected, stored and shared efficiently.

As part of this project, Water UK (an industry body representing and working with the water and wastewater service providers across England, Scotland, Wales and Northern Ireland) is undertaking this consultation with local authorities to establish:

1. What SuDS asset data recording is currently undertaken or proposed?
2. What local authority needs are in relation to the collected data (i.e. what data should be collected)?
3. What is likely to be the most effective approach for collecting this data?
4. Any challenges or opportunities foreseen at this stage?

A **workshop** will take place on **13th November 2018** in **London** to discuss draft proposals, following review of the consultation responses. Please indicate at the end of the questionnaire whether you or a colleague would be interested in attending.

**Name:**

**Organisation:**

**Role:**

**Contact details: Email: Phone number:**

Please email the completed questionnaire to Bridget Woods Ballard at HR Wallingford b.woods-ballard@hrwallingford.com **before Friday 26th October**. Thank you.

1. **Are details of the final SuDS design and maintenance requirements provided to you? If so, in what form?**
2. Do you request final SuDS design information through a verification report condition or other condition?
3. Do you request information with respect to the management and maintenance of the proposed drainage systems (as required by the Ministerial statement, December 2014)?
4. Have any submissions yet been made or are these proposed policies?
5. If SuDS final design and maintenance details are provided (following the discharge of any planning conditions), what form do they take?

|  |  |
| --- | --- |
|  | Please provide details |
| As-built paper drawings? |  |
| As-built electronic drawings (please state the format, e.g. pdf, dwf, other)? |  |
| Final design report / FRA / technical statement? |  |
| A drainage model (all model files or outputs only?) (please state software used). |  |
| Post construction verification statement? |  |
| Commissioning report? |  |
| Operation and Maintenance Plan? |  |
| Health and Safety File ? |  |

1. If SuDS final design details are NOT provided to you, are records kept of the drainage system as provided at the planning application stage ? If so, in what form?:

|  |  |
| --- | --- |
|  | Please provide details |
| As-built paper drawings? |  |
| As-built electronic drawings (please state the format, e.g. pdf, dwf, other)? |  |
| Final design report / FRA / technical statement? |  |
| A drainage model (all model files or outputs only?) (please state software used). |  |
| Operation and Maintenance Plan? |  |
| Health and Safety File? |  |

1. Do you store this information yourself?

- How is this done ? In what form? For how long ?

1. How easy is it to ensure design, construction and maintenance information is handed over?

Design:

Construction:

Maintenance:

1. How valuable would you consider an on-line data entry tool that facilitated this process?
2. What else do you think might help facilitate the process?
3. **What data needs to be recorded?**
4. Are you interested in recording information on SuDS ? If yes, can you explain why ?
5. If no, how do you know that the system has been designed in accordance with the planning requirements ?
6. in what circumstances (if any) do you consider the SuDS feature a ‘designated asset’ that affects flood risk or coastal erosion risk under the Flood and Water Management Act 2010 (Schedule 1)
7. A complete record of the design and construction details for a SuDS asset requires a significant amount of data to be defined. It is proposed that an agreed set of information on the final, as-constructed SuDS is required for submission to the LPA and future asset owner in a consistent format (e.g. using a standard data proforma).

Please comment on the proposed data fields set out in the following table.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Low Importance | Medium | High Importance | Comment |
| **SuDS Scheme** |  |  |  |  |
| SuDS component types |  |  |  |  |
| Design and construction organisations, dates, final drawings |  |  |  |  |
| Ownership organisation, date, adoption details |  |  |  |  |
| Location (mapped only or fully georeferenced system?\*) |  |  |  |  |
| Connectivity (links between components, upstream areas, downstream discharge points) |  |  |  |  |
| Contributing areas (mapped or georeferenced plan areas?\*, runoff characteristics) |  |  |  |  |
| Hydraulic design criteria (rainfall inputs, runoff factors, return periods, flow rates, runoff volumes, climate change / urban creep factors, infiltration rates, groundwater levels, manufactured system design assumptions etc) |  |  |  |  |
| Water quality design criteria (assumed land use type, assessment method, design provision) |  |  |  |  |
| Amenity criteria |  |  |  |  |
| Biodiversity criteria |  |  |  |  |
| Operation and management plan |  |  |  |  |
| Health and safety plan |  |  |  |  |
| **Individual SuDS components** |  |  |  |  |
| Dimensions (base levels, inlet/outlet elevations, areas, depths, lengths, diameters, gradients etc) |  |  |  |  |
| Spatial extents (mapped only or full 2D georeferenced polylines for base level /outlet level / full extent areas and exceedance flow routes, or full 3D system representation?\*) |  |  |  |  |
| Construction details (component drawings, materials, vegetation) |  |  |  |  |

(\*) please circle the most likely data format type

1. **Who should the data be shared with, and how?**
2. If you currently record SuDS asset information, do you share this with:

* The Lead Local Flood Authority / Local Planning Authority?
* The SuDS adoption organisation? (please state who this might be).
* Homeowners?
* The public (e.g. via the planning portal)?
* Any other stakeholder?

1. In what form? How? When?
2. If you do not currently record SuDS asset information, who do you think should have access to the data:
3. **Foreseeable challenges and/or opportunities**

If you can identify any specific opportunities with respect to the efficient definition and recording of SuDS assets (and data sharing), please describe these here:

If you can foresee any specific challenges with the process of SuDS asset definition and recording (and data sharing), please describe these here:

1. **Workshop**

A **workshop** will take place on **13th November 2018** in **London** to discuss draft proposals, following review of the consultation responses. Please indicate whether you or a colleague would be interested in attending and we will send you further details.

Names and email addresses:

***Thank you for taking the time to share your views with us.***