

susdrain SuDS Champion Nomination Form 2021



1. Nomination details

Name of nominated person	Lee Sergeant	
Name of nominee's organisation or community	South Tyneside Council	
Role of nominee in their organisation/community	Highways Engineer	
Role in championing SuDS	Project Manager/Designer Leads on and participates in drainage and flood alleviation projects	
Experienced SuDS professional (worked with SuDS for more than 10 years) or 'rising star' (worked with SuDS for 10 years or fewer)		Please indicate category
	Established	No
	Rising star	Yes
Name and organisation of nominator	Steve Smith, Hydrorock Solutions Ltd	
Relationship of nominator to nominee	Product supplier and designer	

2. Please give us some bullet points to explain how your nominee inspires, informs and influences SuDS, with examples of SuDS delivery.

(Maximum 150 words total)

<p>Inspire – how has your champion inspired others regarding SuDS?</p>	<ul style="list-style-type: none"> • Through clear communication, shared knowledge and justification for a solution. Creating a multipurpose scheme that delivers for the wider public but one that is led predominantly by the need for a SuDs solution.
<p>Inform – how does your champion share good practice?</p>	<ul style="list-style-type: none"> • Through collaborative working with internal teams and stakeholders, partners and product suppliers. Organising multi team site visits and workshops to keep shared information so.
<p>Influence – how has your champion dealt with challenges and shared their enthusiasm about SuDS?</p>	<ul style="list-style-type: none"> • He commits to relentless pursuit of a solution in the face of drainage adversity. He meets challenges head on and keeps pushing when he gets that sniff of a solution. Within his work he has most definitely shown he has that SuDs enthusiasm.

Please submit this form to Louise Walker (louise.walker@ciria.org)

by 30th April 2021

Lizard Lane, South Shields

Whilst the site is at the top of a hill, it lies in a dip with higher ground on all sides. Existing rudimentary drainage is limited and consists of two soakaways. Overland runoff adds to the water on the carriageway and wide verge, which leads to flooding at the low spot on the carriageway, together with verge erosion and silt deposits.

There is simply no way to take the water over the higher ground and it therefore, must be dealt with on site.

Therefore, we had to have an innovative approach to tackle surface water management. Working with a relatively new product to the UK, we worked with Hydrorock to design up the solution for attenuation and infiltration of the water in the ground.

This scheme is multi purpose; drainage, traffic calming, improvements for pedestrians and equestrians.

Installation of bus sized speed tables will compartmentalize the water on the carriageway, slow traffic and allow pedestrians and equestrians to cross the carriageway. Verges will be reinstated and improved for daily equestrian use.

Hydrorock arrays in the verge are to attenuate and infiltrate the water into the ground.
Hydrorock units are bedded onto rockhead rather than clay to assist with infiltration
The drainage element of the scheme is largely natural materials