

UCLan SHE Detailed Work Instruction

Detailed Work Instruction	DWI 16.2 – Compliance with Canal & River Trust Surface Water Discharge Licence		
Policy Reference	Policy 16.0 – Environmental Protection	Version Number	V2.0
Procedure Approved By	[REDACTED]		

INTRODUCTION:



Part of the University’s Burnley Victoria Mill is bounded by the Leeds & Liverpool Canal completed in 1816. The site was developed at a cost of £10 million by the Department of Education as a University Technical College (UTC) opening in 21013. The UTC was unfortunately unsuccessful and was closed in 2017. The University took over the lease of the building on August 2018 as part of its commitment to expanding Higher education provision in East Lancashire and to complement its Princess Way building part of Burnley Further Education College.

Extensive works were undertaken by Barnfield Construction during the development of the site in consultation with the Waterways Trust to upgrade the existing surface water drainage system into canal.

The University inherited an existing Surface Water Discharge Licence for the Burnley Victoria Mill campus. The Licence runs from the 12/07/2018 to the 11/07/2068 and is made under the Water Resources Act 1991, the Environmental Permitting Regulations and all other statutes byelaws regulations or requirements of any competent authority.



Victoria Mill Surface
Water Discharge Lic

The full licence is available here:

The Licence permits the University to only discharge clean surface water from the property from two outfalls

The University must seek permission from the Trust before:

- Commencing any works including inspection, maintenance, repair, removal, reconstruction, alteration, renewal or replacement thereof or other works.
- The breaking open of the surface of the Trust's land.
- Doing anything which will or may cause interference with the use of the Waterway and towing path.
- All permitted works whether they be inspection, maintenance, repair, removal, reconstruction, alteration, renewal or replacement must be adequately supervised, lit and signed, and comply with reasonable conditions set by the Waterways Engineer.
- The University must not permit any welding operations to be carried out whilst a vessel is navigating the Waterway in the vicinity of the Works.
- The University must not abstract from or discharge any water or matter or substance of any kind whatsoever from the Waterway nor discharge any water or other matter or substance of any kind whatsoever into the Waterway except clean surface water.
- Ensure in the event of an emergency the outflows can be cut off immediately to cut off discharge to the waterway.
- Ensure at all times that works are kept safe, in good condition and well maintained.
- Ensure the works are used only for the drainage of clean Surface Water and no other discharge is allowed to enter them from the of the campus, including but not limited to objectionable, discolouring or solid matter to pass.
- into the Waterway through the Works. Unless discharges through the works have been permitted by the Environment Agency in accordance with the Environmental Permitting Regulations.
- Comply with the provisions of the Water Resources Act 1991 and the Environmental Permitting Regulations and all other statutes byelaws regulations or requirements of any competent authority.

The University must notify the Trust and the Environment Agency as soon as reasonably practicable in the event of any occurrence of any poisonous noxious polluting matter, including but not limited to objectionable, discolouring or solid matter passing into the Waterway through the works and take such action as shall be appropriate in the circumstances to clean-up the Waterway in accordance with the reasonable requirements of the Trust and any direction or instruction given by any competent authority.

The University must ensure that the discharge rate does not exceed:

- 110.4 litres per second for Outfall 1; and
- 134.1 litres per second for Outfall 2;
- The maximum velocity of discharge shall be 0.3 metres per second measured at 90 degrees to the direction of the flow.

Ensure that the works and the discharge are only used for the purposes of the provision of educational services and ancillary community fundraising and recreational uses and for no other use whatsoever.

Not alter the diameter or gradient of the Works or allow others to use this facility.

- Not knowingly do or knowingly permit to be done:
- Anything which may cause any obstruction to or endangerment to the use of the Waterway.
- Any loss or obstruction to the flow of the water in the Waterway.
- Any injury damage endangerment to or obstruction to the use of the towing path or banks of the Waterway or any other property of the Trust.
- The University shall ensure that no fertilisers or other harmful or polluting chemicals shall be used in the treatment of vegetation and/or the roofs without the prior written approval of the Trust.

- Where in the Trust's reasonable opinion any increase in algae bloom in the Waterway is caused directly due to the existence of chemicals and/or fertilisers emanating from the University then the University shall be responsible for and indemnify the Trust against a fair proportion of the reasonable and proper costs incurred by the Trust in mitigating and cleaning up the effects of such algae.

Compliance Process

- A calculation has been conducted to estimate the maximum potential discharge rate from the two outfall pipes given the maximum expected rainfall on the surface area which includes roofs and paved areas.
- Carefully plan and assess any proposed construction, maintenance or other activity within the affected surface area (marked pink on appendix 1.) no matter how minor to ascertain whether there could be any potential breach of the License were the work or activity to go ahead and whether those works require consent from the Canal & River Trust.
- Proactively liaise, seek advice and consent advise from the Canal & River Trust as required.
- Ensure adequate maintenance and checks are carried out on the outfalls.
- Provide spill kit materials and training in their use.
- Notify the SHE Department, Environment Agency and Canal & rivers Trust or any pollutant entering the waterway and investigate the cause.
- Review compliance with the Licence requirements.

Appendix 1. Discharge Surface Area and Location of Outfalls into the Waterway

