

Clean Stream  
Green Futures Field  
Glastonbury Festival  
June 2019

## Clean Stream



Clean Stream was located in Green Futures Field in the Low Impact Zone near Permaculture.

## Water Delivery Installation



**Clean Stream provided:**

**a Drinking Water Collection Point**

**two foot operated Hand Wash stations**

**a Spray Wash station for cleaning 'waste' for Upcycling.**

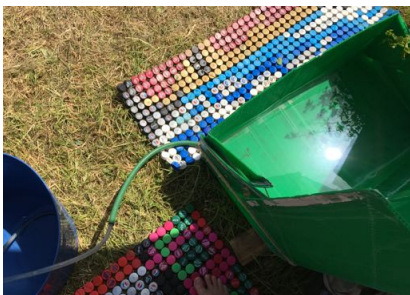
**Drinking Water Collection Point**



The tap was controlled by the Clean Stream team and visitors were advised to avoid touching their containers to the water spout to avoid cross contamination at a water source.

Fresh spearmint was offered as a water flavour.

**Bunding Tank and Mat**



A bunding tank was placed beneath the tap to collect the overflow water from filling drinking vessels. The tap had little direction control and the pressure varied with other nearby use, so we collected loads of overflow.

Visitors were asked to keep the water in the bunding tank clean for process water.

The process water was used for hand wash, spray wash and plant watering.

A mat was placed in front of the tap to reduce ground degradation through excess water and foot wear.

**Foot Operated Handwash**



Foot Operated Handwash stations eliminate hand held tap contamination.

The basic principle is a Tippy Tap, where a pedal is pushed that pulls over a bottle that has a small hole in it.

This provides a slow stream of water that is adequate for handwashing.

The hanging reservoirs are manually filled from syphoned off water from the bunding tank.



### The Pleasure of Soap & Water



Soap, on a string and a nail brush were provided. A lot of visitors got a lot of pleasure from washing their hands with soap and from using a nail brush.

Photo Credit: Ben Boye

[www.tippytap.org](http://www.tippytap.org) for instructions to make a Tippy Tap.

### Spray Wash as a cool down



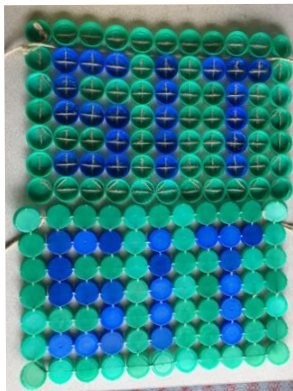
Spray Wash was used as a coolant on scorching Saturday.

With the site showers closed Spray Wash provided a minimal water use shower.

### Spray Wash as a minimal water use shower



### Spray Wash & Upcycling

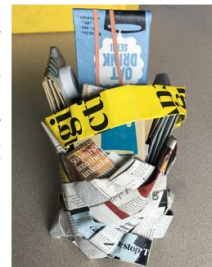


Milk bottle tops were upcycled to 'SIT' mats that could be strung around the waist, and provide cushioning wherever one sat.



Oatly Tetrapaks were upcycled into purses and #binthebutt collectors (the mucky ones).

Guardian Weekly magazine upcycled to a basket



### Plant Watering



At the end of the day the left over banded water was delivered to the Cal's Garden installation providing a convenient water supply for watering.

Clean Stream were also asked for process water by stall holders on Green Futures Field to clean up at the end of the festival, preferring to use it to potable water.

### Low Impact



These photos taken on Monday show the minimal water disturbance to the land around the Clean Stream Tap and activities.



### Low Water Supply



On Saturday when water was in short supply our tap, which was at the end of the line of crew area supplies, had intermittent supply.



An investigation of taps up stream revealed that the public were accessing visible crew water sources, causing more water overflow in the busy collection areas that feed field venues.



### Low Water Pirates

This man is filling water jars with his hand inside the jar and smoking over the open jar mouth.



These open topped water jars then have a few drops of essential oils added and are proffered for a donation

### Waste Water

The waste water from hand wash was collected in trugs and disposed of in the main site handwash sinks. Any water deemed hazardous (like water with sterilizer in it, or paint brush cleaning water) was disposed of in the long drops. Several people used the soapy water to wash their feet before a rinse off with process water.

**Green Futures Field notes:**

The overall location for Clean Stream (CS) was very good.

It would be better to have the supply tap more central in the location and at a high point (for ease of siphoning).

CS need to provide more shelter above and around the tap from the elements for the servers.

If Crew water supply taps were less visible to the public it would prevent over usage.

Taps sited away from ditches would benefit from having a water collector with a means of piping water downhill to a ditch.

**Main Site Hand wash water supply observations:**

Push taps waste a lot of water, it comes out strong and fast, and makes washing hands awkward.

People also used hand wash taps to fill their their drinking bottles.

The absence of soap at handwash stations was difficult.

Report written:

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