

To: [REDACTED] 5.1.2e [REDACTED] 5.1.2e @who.int]
 Cc: ([REDACTED] 5.1.2e) [REDACTED] 5.1.2e [REDACTED] 5.1.2e @unc.edu]; [REDACTED] 5.1.2e [REDACTED] 5.1.2e @rivm.nl]; [REDACTED] 5.1.2e [REDACTED] 5.1.2e @sa.gov.au]; [REDACTED] 5.1.2e [REDACTED] 5.1.2e @who.int]; [REDACTED] 5.1.2e [REDACTED] 5.1.2e @wateraid.org]; Price
 Robin [REDACTED] 5.1.2e @anglianwater.co.uk]
 From: [REDACTED] 5.1.2e (MED - Staff)
 Sent: Thur 4/16/2020 12:11:46 PM
 Subject: FW: Question about greywater disposal in Covid-19 response
 Received: Thur 4/16/2020 12:11:52 PM

[REDACTED] 5.1.2e

I got the email below from colleagues at WaterAid about one aspect of COVID-19 that I have not thought about specifically. That of greywater from places where they are washing hands during the pandemic. My feeling is that the risk would probably be quite small at least in relation to the primary transmission pathways but I wonder what others think. Do we need to add any guidance on this?

Best Wishes

[REDACTED] 5.1.2e

The Norwich School of Medicine
 University of East Anglia
 Norwich NR4 7TJ
 England
 Telephone + 44 [REDACTED] 5.1.2e
 Fax + 44 [REDACTED] 5.1.2e
 email [REDACTED] 5.1.2e @uea.ac.uk
<http://www.med.uea.ac.uk>

From: [REDACTED] 5.1.2e <[REDACTED] 5.1.2e @wateraid.org>
 Sent: 16 April 2020 12:02
 To: [REDACTED] 5.1.2e (MED - Staff) <[REDACTED] 5.1.2e @uea.ac.uk>
 Cc: [REDACTED] 5.1.2e <[REDACTED] 5.1.2e @anglianwater.co.uk>
 Subject: Question about greywater disposal in Covid-19 response

Dear [REDACTED] 5.1.2e

Hope you are well. I hope you don't mind me getting in touch but I have a question regarding the disposal of greywater from handwashing facilities (which are now being planned on a large scale in communal & public areas and institutions in many countries) and thought you may be able to help.

What is the level of risk of the virus being transmitted through greywater after handwashing? And what can be done to mitigate that?

The current WHO-UNICEF guidance is that "*grey water is directed to, and collected in, a covered container if not connected to a piped system*". However, the covered container is of course only an interim storage and will need to be disposed of. Normal options are (i) local soak pit; (ii) piped system/ covered drain; (iii) open drain. I presume the latter presents the greatest risk.

At WaterAid, we are considering "lightly chlorinating" water for handwashing (in addition to using soap) in situations where the greywater will go into an open drain. Would you endorse this approach and, if so, any advice on the level of chlorination required? (recognising that too high a dose of chlorine can affect the skin when used frequently).

Thanks & best regards,

[REDACTED] 5.1.2e

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- South Asia

WaterAid

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