

LEGIONELLA RISK ASSESSMENT – VERSION 2

Risk Assessment for Sodbury Tennis Club.

Name of Venue: Sodbury Tennis Club	Name of Risk Assessor: David Attwood	Date of Risk Assessment: 29/3/21 Review Date: 01/04/2023
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What are the hazards?	Who might be harmed	Controls Required	Additional Controls	Action by who?	Action when?	by	Done
<p>The bacteria Legionella may build up in the water systems of STC causing illness amongst members. Legionnaires' disease is a potentially fatal form of pneumonia.</p>	<p>Everyone is susceptible to infection. The risk increases with age but some people are at higher risk including:</p> <p>people over 45 years of age</p> <p>smokers and heavy drinkers</p> <p>people suffering from chronic respiratory or kidney disease</p> <p>diabetes, lung and heart disease</p> <p>anyone with an impaired immune system</p>	<p>Appoint a responsible person for inspecting the water system. Identify person in Additional Information section below.</p>	<p>Record any actions associated with inspection in appropriate section on this form</p> <p>Record any actions associated with inspection in appropriate section on this form</p> <p>To be added to cleaning schedule.</p>	David Attwood/Mark Belcher	27/3/21		
		<p>Conduct annual inspection of water system</p>		David Attwood			
		<p>Review of the water system at STC annually: Identify any changes and assess for risk.</p>		David Attwood			
		<p>Clean showerhead in changing room monthly. Check that it is being done by cleaner</p>		David Attwood			
		<p>If clubhouse is closed for a long period ensure water is run for at least 5 minutes each week. Undertake a prolonged system flush (30 minutes) before fully reopening.</p>		David Attwood/Jan Belcher			
<p>Switch off hot water heating system but run hot water taps weekly.</p>	David Attwood	Weekly until club house reopen for use					

Spread of Legionella if an outbreak occurs	All of the above	Club house to be closed and a Legionella test arranged Contact Public Health England South West (PHESW).	When Confirmed contact all members describing disease symptoms and who to contact if they feel they have symptoms.	Officers of the Club	If needed	
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Additional Information:

1. Certain conditions increase the risk from legionella if:
 - a. the water temperature in all or some parts of the system may be between 20-45 °C, which is suitable for growth
 - b. it is possible for breathable water droplets to be created and dispersed eg aerosol created by a cooling tower, or water outlets
 - c. water is stored and/or re-circulated
 - d. there are deposits that can support bacterial growth providing a source of nutrients for the organism eg rust, sludge, scale, organic matter and biofilms
2. Responsible Person: Appointed 26/3/2021 Mark Belcher
3. If Legionella outbreak is suspected contact Public Health England South West (PHESW) Tel: 0300 303 8162 Option 2. Email: agwarc@phe.gov.uk
4. If Responsible person resigns and a replacement cannot be found ensure inspection is undertaken by a suitable commercial organisation, see Paid Inspection Section.

Actions to be taken.

No	Description	Date	Owner	Status
1	Ensure that an inspection of STC Club House water supply storage and heating systems is conducted	23/3/21	D. Attwood	Complete
2	Get Officers of club to appoint a Legionella responsible person	23/3/21	D. Attwood	Complete
3	Flush water system regularly (note has been done since lockdown started)	23/3/21	D. Attwood	On going

4	Check that Authorised person wishes to continue	Nov 2021	Officers of Committee	Open
5	Flush and refill hot water vessel before opening of STC on 29 th March so as hot water for hand washing can be provided.	23/3/21	D. Attwood	Complete
6	Ensure that the cleaner is instructed to clean the shower head monthly as a minimum.	27/3/21	Mark Belcher	Open

Water System Description and Risk Mitigation.

STC has no cold-water storage tank. All water to sinks, toilets etc is sourced directly from the mains. Running water weekly for the periods where the club house is not in use is advised.

Hot water storage does exist in a seal insulated vessel (CenterStore), found in the loft. This has been drained, flushed and checked prior to the reopening of the club house.

Disease Symptoms and NHS Contact.

Symptoms of Legionnaires' disease include:

- a cough
- difficulty breathing
- chest pain
- a high temperature
- flu-like symptoms

Contact NHS 111

Alternative paid Inspections

If at any stage a paid inspection is deemed to be needed the following links give details of companies who will conduct inspection.

<https://www.dantekenvironmental.co.uk/>

<https://www.legionellacontrol.org.uk/>

<https://primarywatersolutions.co.uk/>

<https://excelwater.co.uk/>

Version 2: Issued 29/3/21 with need for PPE removed. Pointed out have closed system therefore masks and gloves offer no increased protection when conducting inspection.