

Sample Range Report

Fraser Health Authority

Facility Name: TFN Water System
Date Range: Jan 1 2015 to Dec 31 2015

Operator Ken Baird
 1926 Tsawwassen Dr
 Delta, BC V4M 4G2

Sampling Site	Date Collected	Total Coliform	E. Coli	Fecal Coliform
<u>Cardinal Residence -</u>				
<u>Kitchen Tap, 3404</u>				
<u>Falcon Way</u>				
	1/13/2015	L1	L1	
	2/10/2015	L1	L1	
	3/12/2015	L1	L1	
	4/14/2015	L1	L1	
	5/14/2015	L1	L1	
	6/9/2015	L1	L1	
	7/21/2015	L1	L1	
	8/12/2015	L1	L1	
	9/9/2015	L1	L1	
	11/3/2015	L1	L1	
	12/1/2015	<u>L1</u>	<u>L1</u>	
	Total Positive:	0	0	0
<u>Plant Lab Tap, 2292</u>				
<u>Tsawwassen Dr</u>				
	1/30/2015	11	L1	
	2/3/2015	L1	L1	
	2/24/2015	L1	L1	
	3/24/2015	L1	L1	
	4/29/2015	L1	L1	
	5/26/2015	L1	L1	
	9/22/2015	L1	L1	
	11/26/2015	<u>L1</u>	<u>L1</u>	
	Total Positive:	1	0	0
<u>Band Office -</u>				
<u>Lunchroom Tap,</u>				
<u>1926 Tsawwassen</u>				
<u>Dr</u>				
	1/12/2015	L1	L1	
	2/10/2015	L1	L1	
	3/12/2015	L1	L1	
	4/14/2015	L1	L1	
	5/14/2015	L1	L1	
	6/9/2015	L1	L1	
	7/21/2015	L1	L1	

RECEIVED
 FEB 19 2016

8/12/2015	L1	L1	
9/9/2015	L1	L1	
11/3/2015	L1	L1	
12/1/2015	<u>L1</u>	<u>L1</u>	
Total Positive:	0	0	0

TSATSU Gas
Station - Store Sink,
101 Tsawwassen Dr

1/13/2015	L1	L1	
2/10/2015	L1	L1	
4/14/2015	L1	L1	
5/14/2015	L1	L1	
6/9/2015	L1	L1	
7/21/2015	L1	L1	
8/12/2015	L1	L1	
9/9/2015	L1	L1	
11/3/2015	L1	L1	
12/1/2015	<u>L1</u>	<u>L1</u>	
Total Positive:	0	0	0

Park Canada - Store,
4761 Nulelum Way

2/24/2015	L1	L1	
3/24/2015	L1	L1	
5/26/2015	L1	L1	
9/22/2015	L1	L1	
11/26/2015	<u>L1</u>	<u>L1</u>	
Total Positive:	0	0	0

Corner house at
entrance - Outdoor
Tap, 1500 blk
Tsawwassen Dr

1/30/2015	L1	L1	
2/24/2015	L1	L1	
3/24/2015	L1	L1	
4/29/2015	L1	L1	
5/26/2015	L1	L1	
9/22/2015	L1	L1	
11/26/2015	<u>L1</u>	<u>L1</u>	
Total Positive:	0	0	0

Tsa-Tsu Shores
Condo - Outdoor
Tap, 101 TSATSU
Shores

1/30/2015	L1	L1	
3/12/2015	L1	L1	
4/29/2015	<u>L1</u>	<u>L1</u>	
Total Positive:	0	0	0

Result Values: E - estimated L - less than G - greater than

Samples that contain total coliform:	1		1.82% of total
Samples that contain e. coli:	0		0.00% of total
Samples that contain fecal coliform:	0		0.00% of total
Number of consecutive samples that contain total coliform:	0		
Number of samples that contain total coliform in last 30 days:	0/0		
Total number of samples:	55		

Comments:



Environmental Health Officer
Jan 22 2016

FOR FURTHER INFORMATION PLEASE CALL: Lloyd Struck (604) 870-7900

Cross Connection Control Information for Small Water Systems

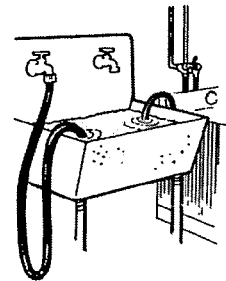
As a Water supplier you are responsible for providing water to your customers that is safe for domestic purposes (drinking, food preparation and sanitation). Safety begins at the source and only ends once the water reaches the customers tap.

The purpose of a Cross Connection Control Program (CCCP) is to protect your customers' (the public) health by ensuring that the safe clean water you provide is not contaminated with harmful microorganisms or chemicals as a result of a cross connection in the distribution system.

➤ **What is a Cross Connection?**

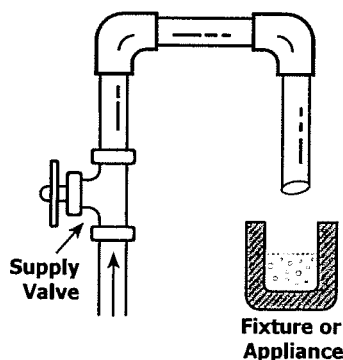
A Cross Connection is a connection between your drinking water supply system and a potentially polluted or contaminated source. A good example of a cross connection is a water hose submerged in a container full of chemicals or contaminated water.

If the water pressure were to drop (0 or less) in the distribution system the hose could act as a siphon and suck the contaminated water or chemical into the water supply system. This could easily make the water unsafe to drink for some unsuspecting customer next door or several blocks away.



➤ **What is Backflow and how can it be prevented?**

Backflow is water flowing in the reverse direction in a water piping system. There are 2 types of backflow.



- **Backsiphonage** is a condition in which the pressure in the distribution system is less than atmospheric pressure (0 or less). This allows contamination to enter a water system through a cross connection. This condition could be caused by things like a broken water main or draining of piping systems.
- **Backpressure** is a condition in which a pump, boiler or other equipment produces a pressure greater than the water supply pressure.

There are a number of devices that can be used to prevent backflow. For example an Air Gap can be used to physically separate the potable and non potable water sources.

..... Continued on page 2