








SUTHERLAND CREEK WATERWORKS DISTRICT

SCWD Fire Management Updating Project

May 2026

We are pleased to advise the homeowners and businesses within the SCWD that several tasks have been undertaken this winter and spring to increase the preparedness and capabilities of the water system in case of an emergency. We would like to thank the CLFD for their support and guidance, Grace McGregor for her valuable contribution to the Storz portion of this project and the SCWD volunteers and staff that keep our water clean, safe and available for emergencies year-round.

These tasks have included:








-  Testing and grading of hydrants
-  Painting, colour coding and numbering of hydrants
-  Adding an additional fire hydrant
-  Updating existing hydrants to have Storz connectors
-  Upgrading village hydrants to new hydrants with integrated Storz port
-  Updating waterline mapping
-  Fire Smarting of pumphouse and reservoir properties

Testing and grading of hydrants

Last October SCWD engaged True Consulting to perform flow testing for each fire hydrant in the District. The information gathered from that process allowed to ensure that adequate water volume was available at each hydrant in the event of an emergency.

Painting, colour coding and numbering of hydrants

In accordance with the National Fire Code of Canada, volunteers from the SCWD have painted each hydrant bonnet (top) and side ports that indicate the water flow as tested in October. This visual indicator allows any fire department on scene to assess the flow capacity of the hydrant and determine if it is adequate for the needs or if additional resources are required. Hydrants have been identified with numbers for reference for maintenance purposes.

FIRE HYDRANT COLOR CLASSIFICATIONS			
BODY COLORS			
COLOR NAME	COLOR	COLOR NAME	
CHROME YELLOW		MUNICIPAL SYSTEM	
RED		PRIVATE SYSTEM	
VIOLET [LIGHT PURPLE]		RECLAIMED SYSTEM	
BONNET AND CAP COLORS			
COLOR NAME	CODE	COLOR	AVAILABLE FLOW
RED	C		LESS THAN 500 GPM
ORANGE	B		500 - 999 GPM
GREEN	A		1,000 - 1,499 GPM
LIGHT BLUE	AA		1,500 GPM & ABOVE

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Adding an additional fire hydrant

At the suggestion of the CLFD and conjunction with the Fire Underwriters Survey map, a gap in hydrant availability was identified along Bakery Frontage Road. In January the SCWD installed this additional fire hydrant to provide better fire protection coverage and reduce the insurance premiums for those residents and businesses nearby.



Updating existing hydrants to have Storz connectors



With a grant from Grace McGregor and the RDKB we have been able to update the existing fire hydrants with Storz connectors.

A Storz connection hydrant uses a quick-connect, quarter-turn, universal coupling system, allowing rapid, secure attachment of large-diameter hoses by hand without threading. These connections replace or adapt traditional threaded pumper nozzles, reducing cross-threading, improving water flow, and enhancing firefighter safety.



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Upgrading village hydrants to new hydrants with integrated Storz port



Along with the testing from last year, 8 hydrants have been identified as (2-port) hydrants. The SCWD has determined that we can replace these over the next 3 years, with the first 3 hydrants being replaced this April. These new 3-port hydrants will come with an integrated Storz connector.

← OLD 2-PORT HYDRANT

NEW 3-PORT w/STORZ →



Updating waterline mapping

It has been 10 years since the last major mapping update. With the assistance of the RDKB, we have updated the water system map and created a hydrant specific map for the CLFD. A pdf copy of the map can be found on the SCWD website.

Fire Smarting of pumphouse and reservoir properties

This spring SCWD volunteers performed brush and tree clearing and removal from around the critical structures at the well (Fife & Ferraro) and the reservoir (Fife) keeping this vital infrastructure safe.

We are pleased to be able to provide these continuing improvements of the water district that will help protect our community.

Sincerely,

The Board of Trustees and Operators
of the Sutherland Creek Waterwork District