

PERMIT

to OPERATE

A WATER SUPPLY SYSTEM

Water System Name: **UNION BAY IMPROVEMENT DISTRICT**
Premises Number: 1441037

Premises Address: 5539 Island Highway South
Union Bay, BC
V0R 3B0

Water System Owner: Union Bay Improvement District

Union Bay Improvement District is hereby permitted to operate the above potable water supply system and is required to operate this system in accordance with the Drinking Water Protection Act and in accordance with the conditions set out in this operating permit and conditions established as part of any construction permit.

The water supply system for which this operating permit applies is generally described as:

Service Delivery Area: Union Bay Improvement District
Source Water: Langley Lake
Water Treatment methods are: None
Water Disinfection methods are: Chlorine

Number of Connections 301-10,000 Connections - DWT

Operating conditions specific to this water supply system are in Appendix A.

Date: August 20, 2010

Issued By: 
Environmental Health Officer

**This permit must be displayed
in a conspicuous place and is not transferable**

Place Decal Here

APPENDIX A

WATER SYSTEM OPERATING CONDITIONS FOR
UNION BAY IMPROVEMENT DISTRICT
5539 Island Highway South
Union Bay, BC V0R 3B0

Union Bay Improvement District Water Supply System

Compliance with these Operating Permit Terms and Conditions do not relieve the operator of other legislated responsibilities and obligations.

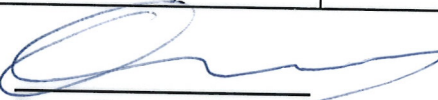
The specific terms and conditions of this operating permit are listed below as:

1.) Treatment Specification

The Water System Owner shall provide two treatment processes acceptable to the Vancouver Island Health Authority, to achieve a 4-log removal/inactivation of viruses; a 3-log removal/inactivation of Giardia cysts and Cryptosporidium oocysts, and produce finished water with less than 1 NTU turbidity.

Task	Completed by
At the discretion of the water supplier, the water supplier may opt to study source water quality and source protection measures for the purposes of proposing a filtration deferral. If the water supplier opts to perform these studies and assessments for the purposes of obtaining a filtration deferral the results of such studies must be submitted to the Drinking Water Officer.	November 1, 2013
If a filtration deferral is not accepted by the Drinking Water Officer complete the following: Complete engineering design for a water filtration plant(s) and obtain a construction permit from the Vancouver Island Health Authority Public Health Engineer. Complete construction of the water filtration plant(s) and commissioning of the works.	September 30, 2014 December 31, 2015

August 20, 2010
Effective Date:


Dave Cherry, C.P.H.I. (C)
Environmental Health Officer
Vancouver Island Health Authority