



REGIONAL DISTRICT OF CENTRAL OKANAGAN
SEWER SYSTEMS REGULATION
BYLAW NO. 987, 2002

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**REGIONAL DISTRICT OF CENTRAL OKANAGAN
SEWER SYSTEMS
REGULATION BYLAW NO. 987, 2002**

WHEREAS the Regional Board may by bylaw establish and operate a local service for the collection, conveyance, treatment, and disposal of sewage and require connection to said sewage works.

AND WHEREAS the Regional Board may establish regulations for the provision, operation and administration of the service;

AND WHEREAS the Regional Board may authorize entry onto any property to ascertain bylaw compliance, require action by a person, take action if the person fails to take the required action, and recover costs for such action taken;

AND WHEREAS this bylaw repeals and replaces the Regional District of Central Okanagan Westside Regional Sewer System Regulation Bylaw No. 926, 2001;

AND WHEREAS the Council of the Corporation of the District of Peachland and the Directors of Electoral Areas 'G', 'I', and 'Westbank' have consented in writing to the adoption of this bylaw;

NOW THEREFORE, THE BOARD OF THE REGIONAL DISTRICT OF CENTRAL OKANAGAN, in Open Meeting Assembled, enacts as follows:

PURPOSE

The purpose of this bylaw is to establish the regulations under which sanitary sewer service will be provided.

SECTION 1 - TITLE

This bylaw may be cited as the Regional District of Central Okanagan Sewer Systems Regulation Bylaw No. 987, 2002.

SECTION 2 - APPLICATION

This bylaw shall apply to the owner or occupier of all parcels located within the Corporation of the District of Peachland and within Electoral Areas 'G', 'I', and 'Westbank' of the Regional District of Central Okanagan.

SECTION 3 - INTERPRETATION

3.01 Severability

If any section, subsection, sentence, clause or phrase of this bylaw is deemed to be invalid by the decision of any court of competent jurisdiction, the invalid portion shall be severed and the decision that it is invalid shall not affect the validity of the remainder of the bylaw.

Wherever the masculine is used throughout this bylaw, it shall also mean the feminine, and wherever the singular is used throughout this bylaw, it shall also mean the plural.

3.02 Limitation of Liability

Sewer service is provided on the condition that the *Owner* make no claim against the *District*, its Board or Council, or its officers, agents, and employees acting within the scope of their employment. It is further a condition that the *Owner* shall make no claim for any indirect, incidental, or consequential damage.

3.03 Indemnification

Sewer service is provided on the condition that the *Owner* indemnify and save harmless the *District*, its Board or Council, or its officers, agents, and employees in respect of all claims arising from the provision of the sewer service.

3.04 Definitions

In this bylaw, unless the context requires otherwise:

“B.O.D.” stands for “biochemical oxygen demand” and means the quantity of oxygen utilized in the biochemical oxidation of organic matter under standard laboratory conditions in five (5) days at 20° C, expressed in milligrams per liter as determined by the appropriate procedure in *Standard Methods*.

“C.O.D.” stands for “chemical oxygen demand” and means the measure of the oxygen consuming capacity of inorganic and organic matter present in *domestic* or *industrial wastewater* as determined by the appropriate procedure described in *Standard Methods*.

“cooling water” means untreated water originating from heat exchangers or similar type units.

“District” means the Regional District of Central Okanagan and the Corporation of the District of Peachland as described in their Letters Patent and amendments thereto.

“District Engineer” means the Director of Engineering Services of the Regional District of Central Okanagan or his designate.

“domestic wastewater” means the *wastewater* resulting from normal human living processes and not from commercial or industrial activities.

“engineer” means a person who is registered, or duly licensed as such, under the Engineers and Geoscientists Act of British Columbia.

“extraneous flows” means water originating from rainwater, snow melt, ground water, roof drain water, foundation drain water, subsurface drainage, surface water, single pass cooling water, condensate, or storm water.

“flammable liquid” means any liquid having a flash point below 38 ° C and having a vapour pressure not exceeding 280 kPa at 38 ° C.

“garbage” means solid wastes from domestic or commercial preparation, cooking, and dispensing of food, and from the handling, storage, and sale of produce.

“grab sample” means a single sample of a *wastewater* stream or discharge that represents the composition of the *wastewater* at the particular time and location at which the sample was collected.

“grease” means an organic substance recoverable by procedures set forth in *Standard Methods* and includes but is not limited to hydrocarbons, esters, fats, oils, waxes, and high molecular weight carboxylic acids.

“industrial wastewater” means any *wastewater* except *domestic wastewater*.

“offal” means waste portions of food, animals, fowl, or fish.

“one day composite sample” means a composite sample comprised of flow proportioned samples collected at one hour intervals over the duration of one operating day.

“Owner” shall be interpreted as defined in the Local Government Act as amended from time to time.

“pesticide” means an organism or material that is represented, sold, used, or intended to be used, to prevent, destroy, repel, or mitigate a pest and includes:

- i) a plant growth regulator, plant defoliator, or plant desiccant; and
- ii) a control product, other than a device that is a control product under the Pest Control Products Act (Canada).

“pH” means logarithm, to the base 10, of the reciprocal of the concentration of Hydrogen ions in moles per liter of solution.

“Plumbing Code” means any regulation made by the Minister of Municipal Affairs in accordance with Section 692 of the Local Government Act.

“pre-treatment” means the use of any physical and/or chemical process to ensure the composition of the effluent conforms to the minimum requirements of this bylaw.

“sanitary sewer system” means any sewerage works or appurtenances thereto which are owned and operated by the *District*.

“septic tank” means any device or structure designed for the temporary storage of *wastewater*.

“service connection” means the pipe which is located at the property line of a *parcel*, or at the edge of a statutory right of way, and is provided to connect the *wastewater drainage system* to the *sanitary sewer system*.

“sewage treatment plant” means the Westside Regional *Wastewater Treatment Plant*.

“Special Waste” means a substance that is defined as *Special Waste* as interpreted by the Waste Management Act.

“Standard Methods” means the Standard Methods of Water and *Wastewater Analysis* (most current edition) as published by the American Public Health Association, the American Water Works Association, the Canadian Standards Association, and the Water Pollution Control Federation.

“Subdivision Bylaw” means a bylaw adopted by the *District* under Section 938 of the Local Government Act.

“suspended solids” means the solid matter according to particle size, expressed in milligrams per liter, in a liquid as determined according to *Standard Methods*.

“two hour composite sample” means a composite sample consisting of equal portions of 8 *Grab Samples* collected at 15 minute intervals.

“uncontaminated wastewater” means water such as spent *cooling water*, de-chlorinated water discharged from a swimming pool, and water used in street cleaning.

“wastewater” means the water-borne wastes of the *District* derived from human or industrial sources including *domestic wastewater* and *industrial wastewater*, but does not include storm water and *uncontaminated wastewater*.

“wastewater drainage system” means an assembly of pipes, fittings, fixtures, traps, and appurtenances, not owned by the *District*, that is used to convey *wastewater* to a service

connection.

“watercourse” means:

- i) the bed and shore of a river, stream, lake, creek, lagoon, swamp, marsh or other natural body of water; or
- ii) a channel, ditch, reservoir or other man-made surface feature;

whether containing or conveying water continuously or intermittently.

Unless otherwise defined herein, all words or expressions used in this bylaw shall have the same meaning assigned to them as like words or expressions contained in the Local Government Act, Interpretation Act, Zoning Bylaw, Sewer Systems Fees & Charges Bylaw, and the *Plumbing Code*.

SECTION 4 - GENERAL REQUIREMENTS

4.01 Compliance with Bylaw

No person shall:

- a) connect a *wastewater drainage system* to the *sanitary sewer system*, or
- b) permit any direct or indirect discharge of any *wastewater* into the *sanitary sewer system*,

except in accordance with the provisions of this bylaw.

4.02 Owner's Liability

The *Owner* shall ensure that the terms and conditions, under which connection to the *sanitary sewer system* is provided, are not breached. The *Owner* shall be liable:

- a) to pay all costs, rates, charges, user fees, and penalties that may be imposed pursuant to this bylaw; and
- b) for any breach of this bylaw arising on the *parcel* to which sanitary sewer service is provided, whether the breach is actually committed by the *Owner* or by a third party renting, leasing, or having access to the property.

4.03 Other Legislated Requirements

No person shall enter into or work upon the *sanitary sewer system* without meeting the applicable confined space entry, street regulations, or other safety requirements, required by the Workers' Compensation Act.

Nothing in this bylaw relieves any person or organization from complying with any provision of any Federal or Provincial legislation, or any other bylaw of the *District*. Where there is a conflict of regulations, the more stringent shall apply.

4.04 Interference with the Sanitary Sewer System

The *sanitary sewer system*, its operation, maintenance, repair, and replacement shall be under the direction and control of the *District Engineer*. No person other than the *District Engineer*, a *District* employee acting in the course of his duties or a contractor authorized by the *District Engineer* shall:

- a) enter into or work upon the *sanitary sewer system*;

- b) make or terminate a *service connection* to the *sanitary sewer system*;
- c) uncover or tamper with the *sanitary sewer system*; or
- d) attach or detach any line, pipe, or other appurtenance to the *sanitary sewer system*.

4.05 Accidental Discharges

Any person responsible for, or aware of, the accidental discharge of prohibited substances into the *sanitary sewer system* shall report the same forthwith to the *District Engineer* in order that the necessary precautions can be taken to minimize the deleterious effects of the discharge.

4.06 Approval to Connect

Approval for connection to the *sanitary sewer system* shall not be granted until the *Owner* complies with the Regional District of Central Okanagan Sewer Systems Fees and Charges Bylaw and the provision of this bylaw.

4.07 Connection Requirement

The *Owner* of every *parcel*, which is located within a Sewer System Local Service Area upon which *wastewater* is being generated and where;

- a) a *service connection* has been provided to service the *parcel*;
- b) a sanitary sewer trunk main fronts any portion of the *parcel*; or
- c) the *Owner* is required, pursuant to Section 939 of the Local Government Act, to extend a sanitary sewer trunk main in order to service the *parcel*,

shall construct a *wastewater drainage system* to collect all *wastewater* generated on the *parcel* and connect the *wastewater drainage system* to the *sanitary sewer system*.

All costs pertaining to the connection of the *wastewater drainage system* to the *sanitary sewer system* shall be at the expense of the *Owner*.

The *District Engineer* may, by written notification, order an *Owner* to make connection to the *sanitary sewer system* within sixty (60) days, or such longer period as may be specified in the notification. In the event the *Owner* fails to make the required connection within the time specified in the notification, the *District Engineer* may order the required connection to be made and all costs incurred shall be recovered pursuant to Section 4.08 of this bylaw.

4.08 Recovery of Costs

Any costs incurred as a result of action taken pursuant to this bylaw shall:

- a) be at the expense of the *Owner* and recovered pursuant to Sections 376 and 797.2 of the Local Government Act; and
- b) be in addition to and not in substitution for any fine or other penalty to which the *Owner* may be subject pursuant to the provision of this bylaw.

4.09 Non Compliance

Should any person contravene the provisions of this bylaw, and such contravention causes or may cause damage to the *sanitary sewer system*, the *District* may make any repairs and take whatever remedial action necessary to limit the extent of the damage and shall recover the cost pursuant to Section 4.08 of this bylaw.

Should testing indicate that the components of the *wastewater* are not in compliance with the provisions of this bylaw, the *District Engineer* shall notify the *Owner*, in writing, to cease and desist the discharge of *wastewater*. The cease and desist order shall remain in effect until such time as:

- a) the *Owner* complies with Section 4.17 of this bylaw, and;
- b) the *District Engineer* notifies the *Owner*, in writing, indicating that the *Owner* has complied with Section 4.17 of this bylaw and authorizing the *Owner* to resume the discharge of *wastewater*.

4.10 Interruption of Service

Sewer service may be limited, interrupted, terminated, or refused:

- a) in circumstances where the discharge of *wastewater* may interfere with works being undertaken on the *sanitary sewer system*; or
- b) where a person contravenes the provisions of this bylaw.

Except in the case of an emergency, reasonable efforts shall be made to notify the *Owner* or occupant of the affected parcel if sewer services are going to be limited, interrupted, terminated, or refused.

4.11 Service Connections

Each parcel shall be limited to one service connection except:

- a) each residential unit on an R2 zoned property shall have a separate service; and
- b) where limitations in site servicing, development restrictions, future subdivision, or proposed stratification exist, the *Owner* may make application for additional *service connections*. Additional *service connections* and their location must be approved by the *District Engineer*.

All *service connections* shall be installed by the *District*.

Service connections shall be repaired, replaced, and maintained by the *District*.

Any costs incurred as a result of the District taking action to unplug or unblock a *service connection* shall be recovered pursuant to Section 4.08 of this bylaw.

4.12 Sanitary Sewer System Extensions

All *sanitary sewer system* extensions required in order to provide sewer service to a parcel shall be constructed and installed by the *District*.

4.13 Wastewater Drainage System

Every *wastewater drainage system* shall be constructed at the expense of the *Owner* in accordance with the standards contained in the *Subdivision Bylaw*, the *British Columbia Plumbing Code* and the *Building Bylaw*. It is the *Owner's* responsibility to ensure that the *wastewater drainage system* is installed such that it meets the elevation of the *service connection*. The *District* is not obligated to meet the elevation of, nor connect to, any *wastewater drainage system* installed prior to the installation of the *service connection*.

The repair and maintenance of the *wastewater drainage system* shall be the responsibility and the expense of the *Owner*. Should the *District Engineer* determine that *extraneous flows* or deleterious substances are entering the *sanitary sewer system* due to unauthorized connection, improper maintenance, or improper repair of a *wastewater drainage system*, the *District Engineer* may issue a Cease and Desist Order to the *Owner*.

Where a *wastewater drainage system* is to be abandoned, the *Owner* shall notify the *District Engineer*. The *District* will block, seal, or physically disconnect the *service connection*, and the costs of such work shall be recovered pursuant to Section 4.08 of this bylaw.

4.14 Water Meters

This section applies to the *Owner* or occupier of any parcel zoned commercial, industrial, institutional, or multi-family.

Where an *Owner* or occupier is applying for a building permit to either:

- a) construct a new building; or
- b) alter the existing building footprint; or
- c) change the existing occupant use, or
- d) connect to the *sanitary sewer system*,

they shall be required to install a remote reading water meter and irrigation credit meter prior to final approval of the building permit.

The type of meter and installation requirements shall be pursuant to the standards of the local water purveyor and the *Regional District*.

4.15 Inspection Chambers and Manholes

All *domestic wastewater* must pass through an inspection chamber and all *industrial wastewater* must pass through either an inspection chamber or a manhole as directed by the *District Engineer*. Inspection chambers and manholes must be:

- a) constructed and installed in accordance with the *Subdivision Bylaw*;
- b) installed in the *wastewater drainage system*, at a location approved by the *District Engineer*, to facilitate observation, measurement, and sampling of the *wastewater*;
- c) accessible to the *District Engineer* at all times;
- d) constructed, installed, and maintained at the expense of the *Owner*.

Where there is more than one building on a parcel discharging *industrial wastewater*, each building must have a separate inspection chamber installed 1.0 meter outside the wall of the building where the building drain connects to the building sewer.

4.16 Septic Tanks / Portable Holding Tanks

Section 4.16 does not apply to recreational vehicle connections provided on parcels

zoned by the *Zoning Bylaw* for tourist campsites.

No *septic tanks*, portable holding tanks, or recreational vehicles shall be connected to the *sanitary sewer system*.

No person shall permit any sludge, deposit, or material contained in, or originating from, any *septic tanks*, portable holding tanks, or recreational vehicles to enter into the *sanitary sewer system*.

Where a sewer connection is made to a parcel where a septic tank or tanks exist, the owner shall remove any sludge, deposit, or material contained in the existing septic tanks and shall either:

- a) fill the septic tanks with clean fill, gravel, or sand; or
- b) break down the septic tanks and remove all the debris from the parcel.

All sludge, deposit, or material originating from a *septic tank*, portable holding tank, or recreational vehicle must be deposited at the *District's* disposal facility.

4.17 Pre-treatment

Where *wastewater*, or any component of the *wastewater*:

- a) does not meet the provisions of this bylaw;
- b) may damage or increase maintenance costs on the *sanitary sewer system*; or
- c) may detrimentally affect the operation of the sewage treatment plant.

the *Owner* must retain an *engineer* to submit a proposal which outlines the method of *pre-treatment* proposed in order for the *wastewater* to conform to the provisions of this bylaw. In support of the proposal, the *engineer* must submit the following information to the *District*:

- i) detailed design of the proposed *pre-treatment* facility,
- ii) detailed list of the *wastewater* components and the anticipated concentration of each component before and after treatment,
- iii) detailed sampling and analysis schedule required to ensure the concentration of the *wastewater* components remain in compliance to the provisions of this bylaw,
- iv) detailed operation and maintenance procedures.

No construction shall take place on the *pre-treatment* facility until such time as the *District Engineer* has reviewed the above information and approved construction. Approval to construct the *pre-treatment* facility by the *District Engineer* does not imply that the quality of the *wastewater* discharged after *pre-treatment* will meet the requirements of this bylaw. It is the *Owner's* responsibility to ensure that all the components of the *wastewater* will comply with the provisions of the bylaw after the *pre-treatment* process is completed.

The design, construction, operation, and maintenance of the *pre-treatment* facilities shall be the responsibility of the *Owner* and at the *Owner's* expense. The *Owner* shall maintain written records of all cleaning, repair, calibration, maintenance, sampling, and analysis and shall store said records at the facility for a minimum of three (3) years. The *Owner* shall make these records available for examination by the *District Engineer* at all reasonable times.

4.18 Interceptors

The *Owner* of every *parcel* shall be required to provide an interceptor if the *wastewater* being discharged from the parcel contains, or will contain, *grease*, oil, grit, *flammable liquids* or gases, or other components which may interfere with or damage the *sanitary sewer system*. This includes but is not limited to:

- a) service stations, vehicle repair garages, and automobile wash bays
- b) dry-cleaning establishments
- c) milk plants, and creameries
- d) laboratories
- e) commercial kitchens
- f) concrete plants, and aggregate washing plants

Interceptors shall not be required for private living quarters or dwelling units unless they contain a home occupation which warrants the use of an interceptor.

All interceptors shall be:

- i) of sufficient capacity to perform the purpose for which it is intended,
- i) designed by an *engineer* or a pre-manufactured package designed for the specific purpose of trapping the deleterious components,

iii) located as to be readily and easily accessible for cleaning and inspection.

In support of the interceptor design, the *Owner* shall be required to submit detailed design drawings and calculations from the *engineer* or manufacturer's specifications and manuals to the *District Engineer* for approval prior to construction. In addition the *Owner* must submit operation and maintenance manuals.

No construction shall take place on the interceptor until such time as the *District Engineer* has reviewed the above information and approved construction. Approval to construct the interceptor by the *District Engineer* does not imply that the quality of the *wastewater* discharged after passing through the interceptor will meet the requirements of this bylaw. It is the *Owner's* responsibility to ensure that all the components of the *wastewater* will comply with the provisions of the bylaw after passing through the interceptor.

The design, construction, operation, and maintenance of the interceptor shall be the responsibility of the *Owner* and at the *Owner's* expense. The *Owner* shall maintain written records of all cleaning, repair, calibration, and maintenance and shall store said records at the place of business for a minimum of three (3) years. The *Owner* shall make these records available for examination by the *District Engineer* at all reasonable times.

4.19 Non-residential Connection to the Sanitary Sewer System

Where an *Owner* or occupier proposes to:

- a) make application to connect an industrial or commercial activity to the *sanitary sewer system*; or
- b) expand or change an industrial or commercial activity in such a way that it may affect the quality or quantity of the *wastewater* being discharged into the *sanitary sewer system*;

the *Owner* or occupant must retain an *engineer* to prepare and submit the following information to the *District Engineer* in order for the *District Engineer* to ascertain that the proposed application, expansion, or change conforms to the provisions of this bylaw:

- i) the proposed or existing development or addition, including flow schematic drawing,
- ii) the daily volumes and peak discharges,
- iii) the type of waste to be processed and discharged,

- iv) the anticipated *B.O.D.* and the amount of *suspended solids* or *grease*,
- v) the *pH* and temperature of the *wastewater*,
- vi) chemical composition of the *wastewater*,
- vii) the proposed pre-treatment, including dimensions of the proposed facility,
- viii) flow equalizing or mixing facilities,
- ix) the location of sampling manhole,
- x) the monitoring equipment,
- xi) any other information deemed necessary by the *District Engineer*.

4.20 Volume Control

Where *wastewater* is discharged into the *sanitary sewer system* in volumes which may exceed the available downstream system capacity, the *District Engineer* may require the *Owner* or occupier of the premises to take measures to equalize the discharge volumes and strengths.

Equipment necessary to comply with this section shall be provided, maintained, and operated by the *Owner* or occupier of such premises in a manner satisfactory to the *District Engineer*.

4.21 Sampling and Analysis

All tests, measurements, analyses, and examinations of *wastewater*, its characteristics or contents shall be carried out in accordance with "*Standard Methods*." Initial testing shall be arranged and paid for by the discharger. Additional testing or re-testing of *wastewater*, made necessary by non-compliance with this bylaw, or at the request of the *District Engineer*, shall be carried out at the cost of the discharger.

4.22 Prohibitions

No person shall discharge or cause to be discharged at any entry point into the *sanitary sewer system*:

- a) any *extraneous flows* including but not limited to storm drains, sumps, roof drains, and foundation drains;
- b) any *garbage* that has been ground, comminuted, or shredded by a *garbage*

- disposal unit or by "in sink" garburator;
- c) any non-domestic water or waste which contains dyes or colouring materials which discolour the *wastewater*;
 - d) any water or waste added for the purpose of diluting wastes which would otherwise not meet the maximum concentrations outlined in this bylaw;
 - e) any non-domestic liquid or vapour having a temperature higher than 65 °C;
 - f) any substance which may solidify or become viscous at temperatures above 0°C;
 - g) any material which exerts or causes:
 - i) unusual concentrations of inert *suspended solids*, such as, but not limited to, fuller's earth;
 - ii) unusual concentrations of dissolved solids such as but not limited to sodium chloride, calcium chloride or sodium sulphate;
 - h) any soluble waste or *wastewater* having a *pH* lower than 5.5 or higher than 9.5 or having any other corrosive property which could be hazardous to structures, equipment, or personnel including, but not limited to, battery or plating acid and wastes, copper sulphate, chromium salts or brine;
 - i) any flammable or explosive liquid, solid, or gas which:
 - i) has a closed cup flashpoint of sixty degrees Celsius (60 °C); or
 - ii) exceeds or could cause an exceedance of ten percent (10%) of the lower explosive limit at any point within the *sanitary sewer system* for any single reading or five percent (5%) for any two (2) consecutive readings.This includes but is not limited to gasoline, benzene, naphtha, alcohol, fuel, oil, solvents, and acetone;
 - j) any *pesticides*, insecticides, herbicides, or fungicides;
 - k) any toxic, radioactive, poisonous, corrosive, noxious, or malodorous gas, liquid, or substance which may either singly or by interaction with other wastes:
 - i) cause public or worker health and safety hazards,
 - ii) cause injury to or interference with the *wastewater* treatment process,
 - iii) cause corrosive damage to the *sanitary sewer system*,
 - iv) result in the release of toxic gases, vapours, or fumes within the *sanitary sewer system*;
 - l) any solid or viscous substance, petroleum oil, non-biodegradable cutting oil, or products of mineral oil origin which may:
 - i) obstruct the flow in the *sanitary sewer system*,

ii) interfere with or damage the *sanitary sewer system* or the *wastewater* treatment process.

This includes but is not limited to ashes, cinders, grit sand, mud, straw, grass clippings, insoluble shavings, metal, glass, rags, feathers, tar, asphalt, creosote, plastics, wood, animal paunch contents, *offal*, blood, bones, meat trimmings and waste, fish or fowl head, shrimp, crab or clam shells, fish scales, entrails, lard, mushrooms, tallow, baking dough, chemical residues, cannery or wine waste, bulk solids, hair and fleshings, spent grain and hops, whole or ground food or beverage containers, *garbage*, paint residues, cat box litter, slurries of concrete, cement, lime, or mortar;

m) any sludge, deposit, or material from a cesspool;

n) any waste, liquid, or material classified as "*Special Waste*" pursuant to the provisions of the Waste Management Act, R.S.B.C., 1979, C.428.5 and amendments thereto;

o) any *non-domestic wastewater* as analysed in the specified sample type which exceeds the limits for the following parameters, expressed in the total form as milligrams per liter and as shown in the following table:

Parameter	Concentration in Milligrams per Liter (mg/L)		
	<i>One Day Composite Sample</i>	<i>Two Hour Composite Sample</i>	<i>Grab sample</i>
<i>B.O.D.</i>	500	1000	2001
<i>C.O.D.</i>	750	1500	3000
<i>Suspended Solids</i>	600	1200	2400
Oil and Grease (non petroleum)	150	300	600
Oil and Grease (petroleum source)	15	30	60
<i>pH</i> (non-domestic waste)	>6 and <9.5	>5 and <11	>5.5 and <10.5

p) any non-domestic waste which, at the point of discharge into a sewer, contains any substance, in a combined or uncombined form, with a concentration in excess of the levels set out below. All concentrations are expressed as total concentrations, which include both the dissolved and undissolved substances.

Substance	Abbreviation	Concentration in Milligrams per Liter		
		One day composite sample	Two hour composite sample	Grab sample
Aluminum	A1	50.0	100.0	200.0
Arsenic	As	0.5	1.0	2.0
Boron	B	50.0	100.0	200.0
Cadmium	Cd	0.2	0.4	0.8
Chromium	Cr	2.0	4.0	8.0
Cobalt	Co	5.0	10.0	20.0
Copper	Cu	2.0	4.0	8.0
Cyanide	Cn	0.5	1.0	2.0
Iron	Fe	10.0	20.0	40.0
Lead	Pb	1.0	2.0	4.0
Manganese	Mn	5.0	10.0	20.0
Mercury	Hg	0.025	0.05	0.1
Molybdenum	Mo	1.0	2.0	4.0
Nickel	Ni	2.0	4.0	8.0
Phenols	-	1.0	2.0	4.0
Phosphorus	P	12.5	25.0	50.0
Silver	Ag	1.0	2.0	4.0
Sulphate	SO ⁴	1500.0	3000.0	6000.0
Sulphide	S	1.0	2.0	4.0
Tin	Sn	5.0	10.0	20.0
Zinc	Zn	3.0	6.0	12.0

Note: More restrictive guidelines may be required if the *District Engineer* considers there to be a detrimental effect on the *sewage treatment plant*, the *sanitary sewer system*, or the workmen.

- q) any water or waste containing substances in such concentrations that are not amenable to treatment or reduction by the sewage treatment process employed, or are amenable to treatment only to such a degree that the *sewage treatment plant* effluent cannot, during normal operation, meet the requirement of any other agency having jurisdiction over discharges to the receiving waters.
- r) any material or substance (e.g. enzymes and/or bacteria) that alters the structure of the waste(s) but does not reduce the loading (C.O.D.).

SECTION 5 - ADMINISTRATION AND ENFORCEMENT

5.01 Sanitary Sewer Fees and Charges

Sanitary sewer fees and charges are levied and administered by separate bylaw.

5.02 Right Of Entry

District officers, or their designates, are authorized to enter upon any property or premises at any reasonable time to inspect any building or premises to ensure compliance with, or prevent violation of, the provisions of this bylaw.

The *Owner* or occupant shall permit the *District* officers or their designates to perform all actions required including inspection, observation, measurement, testing, and sampling in order to determine compliance with this bylaw.

5.03 Cease and Desist Order

The *District Engineer* may order the *Owner* or occupant who contravenes this bylaw to:

- a) comply with the bylaw within a specified time limit, and;
- b) plug, seal or physically disconnect the *wastewater drainage system* until the *Owner* or Occupant complies with the bylaw and receives in writing a "Notification of Compliance" from the *District Engineer*.

Where an *Owner* does not comply with a cease and desist order within the specified time limit, the *District Engineer* may order the action contained in the order to be performed by *District* employees, or others, at the expense of the *Owner*. All costs incurred as a result of such action shall be recovered pursuant to Section 4.08.

5.04 Violation

Any person who:

- a) violates the provisions of this bylaw;
- b) causes or permits any act in contravention or violation of the provisions of this bylaw;
- c) neglects or omits bylaw requirements;
- d) causes, or permits any *wastewater* to be discharged into the *sanitary sewer*

system in a manner prohibited by or contrary to the provisions of this bylaw;

- e) fails to comply with bylaw orders, directions, or notices;
- f) prevents, obstructs or attempts to prevent or obstruct the authorized entry of any officer authorized under Section 5.02 to enter upon the lands;

will be guilty upon summary conviction of an offence under this bylaw.

5.05 Offence

Each day's continuance of an offence under Section 5.04 constitutes a new and distinct offence.

5.06 Penalty

Any person who violates the provisions of this bylaw may, on summary conviction, be liable to the maximum penalty under the Offence Act, plus the cost of prosecution, for each offence. The penalties imposed under this section are a supplement and not a substitute for any other remedy to an infraction of this bylaw.

SECTION 6 - ENACTMENT

6.01 Repeal of Previous Bylaw

The Regional District of Central Okanagan Westside Regional Sewer System Regulation Bylaw No. 926, 2001 is hereby repealed.

6.02 Bylaw Adoption

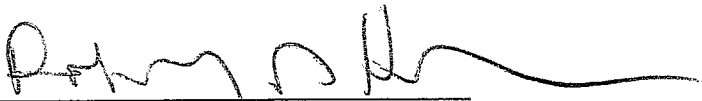
This bylaw shall take effect upon adoption by the *Regional Board* of the Regional District of Central Okanagan.

READ A FIRST TIME THIS 26th DAY OF August, 2002.

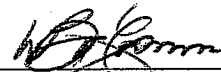
READ A SECOND TIME THIS 26th DAY OF August, 2002.

READ A THIRD TIME THIS 26th DAY OF August, 2002.

RECONSIDERED AND ADOPTED THIS 26th DAY OF August, 2002.



CHAIRPERSON



Director of Corporate Services

I hereby certify the foregoing to be a true and correct copy of Bylaw No. 987, cited as the "Regional District of Central Okanagan Sewer Systems Regulation Bylaw No. 987, 2002", as read a third time by the Regional Board on the 26th day of August, 2002.

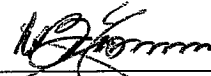
Dated at Kelowna, B.C. this 30th day of August, 2002.



Director of Corporate Services

I hereby certify the foregoing to be a true and correct copy of Bylaw No. 987, cited as the "Regional District of Central Okanagan Sewer Systems Regulation Bylaw No. 987, 2002", as adopted by the Regional Board on the 26th day of August, 2002.

Dated at Kelowna, B.C. this 30th day of August, 2002.



Director of Corporate Services

REGIONAL DISTRICT OF CENTRAL OKANAGAN

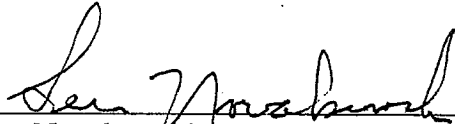
CONSENT

We, the undersigned Directors of Electoral Areas "I", "G" and "Westbank" of the Regional District of Central Okanagan, hereby consent to:

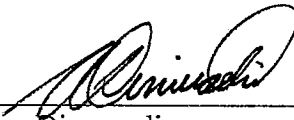
The Regional District of Central Okanagan Sewer Systems Regulation Bylaw No. 987, 2002" being a bylaw to establish the regulations under which sanitary sewer service will be provided.



Mary-Ann Graham
Director - Electoral Area "I"



Len Novakowski
Director - Electoral Area "Westbank"



Aaron Dinwoodie
Director - Electoral Area "G"

Dated at Kelowna, B.C.
this 30th day of
August, 2002.



W.B. d'Easum, Director of Corporate Services