



THE DISTRICT OF NORTH VANCOUVER

SEWER BYLAW

BYLAW 6656

Effective Date – March 28, 1994

CONSOLIDATED FOR CONVENIENCE ONLY

This is a consolidation of the bylaws below. The amending bylaws have been combined with the original bylaw for convenience only. This consolidation is not a legal document. Certified copies of the original bylaws should be consulted for all interpretations and applications of the bylaw on this subject.

Original Bylaw	Date of Adoption
Bylaw 6656	March 28, 1994
Amending Bylaw	Date of Adoption
Bylaw 6723	December 12, 1994
Bylaw 6826	December 18, 1995
Bylaw 6874	September 23, 1996
Bylaw 6928	December 9, 1996
Bylaw 6992	December 8, 1997
Bylaw 7058	December 14, 1998
Bylaw 7142	May 10, 2000
Bylaw 7230	April 30, 2001
Bylaw 7308	March 25, 2002
Bylaw 7438	December 8, 2003
Bylaw 7513	November 15, 2004
Bylaw 7586	December 19, 2005
Bylaw 7639	December 4, 2006
Bylaw 7702	December 17, 2007
Bylaw 7748	December 15, 2008

Bylaw 7815	December 14, 2009
Bylaw 7873	December 13, 2010
Bylaw 7913	December 15, 2011
Bylaw 7931	May 7, 2012
Bylaw 7972	December 12, 2012
Bylaw 8021	December 9, 2013
Bylaw 8049	June 9, 2014
Bylaw 8091	December 15, 2014
Bylaw 8107	March 2, 2015
Bylaw 8151	December 14, 2015
Bylaw 8195	November 28, 2016
Bylaw 8270	December 4, 2017
Bylaw 8352	July 23, 2018
Bylaw 8388	December 2, 2019
Bylaw 8448	December 7, 2020
Bylaw 8536	December 13, 2021
Bylaw 8559	May 30, 2022
Bylaw 8602	December 12, 2022
Bylaw 8655	December 4, 2023
Bylaw 8699	June 17, 2024
Bylaw 8721	December 9, 2024
Bylaw 8766	December 8, 2025

The bylaw numbers in the margin of this consolidation refer to the bylaws that amended the principal bylaw (Sewer Bylaw - Bylaw 6656). The number of any amending bylaw that has been repealed is not referred to in this consolidation.

THE CORPORATION OF THE DISTRICT OF NORTH VANCOUVER

BYLAW 6656

A bylaw to establish a storm sewer system and a sanitary sewer system and make provision for the use of these sewer systems pursuant to sections 587, 588, 611 and 612 of the *Municipal Act*, R.S.B.C 1979, c290

The Council for The Corporation of the District of North Vancouver enacts the following:

Title

1. This bylaw may be cited as the "**SEWER BYLAW**".

Interpretation

2. In this bylaw:

clear water waste means waste water with impurity levels that will not contravene the *Fisheries Act*, R.S.C. 1985, c. F-14, and includes cooling water obtained from a domestic water supply and to which no substance has been added, condensate drainage from refrigeration and air conditioning equipment, and cooled condensate from steam heating system, but does not include *storm water*.

deleterious substance means the definition of *deleterious substance*" set out in section 34 of the Fisheries Act. R.S.C. 1970. c. F-14, at the time of the adoption of this bylaw.

Director means the Director of Parks and Engineering Services or their designate.

District means The Corporation of the District of North Vancouver.

District Employees means authorized personnel of the *District*, persons authorized by the *District*, and persons engaged under independent contract by the *District*.

Domestic Sewage means sewage generated through normal residential (domestic) use.

groundwater means water naturally occurring below the ground surface. Includes interflow and groundwater flow. Interflow means infiltration of rainwater and snowmelt into shallow ground, the unsaturated zone, and moving laterally through soils.

(8536)

order to comply means an order issued pursuant to section 17 of this bylaw.

(8107,8559)

qualified professional means a professional hydrologist or hydro-geologist with appropriate education, training, credentials, certification and experience fully insured and in good standing with the relevant professional association.

real property means land, with or without improvements so affixed to the land as to make them in fact and law a part of it.

sanitary drainage system means an assembly of pipe, fixtures, traps and appurtenances within a parcel of *real property* that is used to convey *sewage* to a *sanitary sewer connection* at the property line or edge of an easement or to a private sewage disposal system.

sanitary sewer connection means the municipally owned pipe installed within a highway or easement on a sanitary sewer main to provide the connection between the *sanitary sewer system* and a *sanitary drainage system*.

sanitary sewer system means the municipally owned system of pipes, pumps, and appurtenances located on highways and easements for the purpose of conveying *sewage* from the *sanitary sewer connection* to Greater Vancouver Sewerage and Drainage District (GVS & DD) facility.

service abandonment means to permanently abandon the sewer lateral and connection at the main with no intent of reuse. (8091)

service capping means to temporarily isolate a sewer lateral with the intent of reuse. (8091)

sewage means a liquid waste, other than clear water waste, groundwater and storm water.

storm sewer connection means the municipally owned pipe installed within a highway or easement on a storm sewer main to provide the connection between the *storm sewer system* and a *storm drainage system*.

storm drainage system means an assembly of traps, sumps, ditches and troughs within a parcel of *real property* that is used to collect and convey *storm water* to a *storm sewer*.

connection at the property line or the edge of an easement, or to a private *storm water* disposal system.

storm sewer system means the municipally owned system of pipe, ditches and watercourse on highways and easements for the purpose of conveying *storm water* from the *storm sewer connection*.

storm water means rain water with impurity levels that will not contravene the Fisheries Act, R.S.C. 1970, c.F.-14.

work includes any construction, installation, alteration, extension, excavation, back-filling, repair, maintenance, or replacement of a *sanitary sewer system*, *sanitary sewer connection*, *storm sewer connection*, or *storm sewer system*.

(8049)

Establishment of Sewer Systems

3. The Council hereby establishes as separate systems
 - a) a *sanitary sewer system*; and
 - b) a *storm sewer system*.

Administration of Sewer Utility

4. The *Director* is empowered to administer and enforce this bylaw.

Work on Sewer Systems

5. Except as set out in section 5.1, no person, other than *District Employees* or *employees of contractors retained by the District*, may do *work* on the *sanitary sewer system*, or the *sanitary sewer connection* or the *storm sewer system*, or the *storm sewer connection*. The sanitary and storm sewer systems owned by the GVS & DD and situated within the District of North Vancouver are excluded from this clause and clause 5.1.

(7972)

- 5.1. The *Director* may allow a private contractor retained by a property owner to perform construction work on the sanitary sewer system, or the sanitary sewer connection, or the storm sewer system, or the storm sewer connection on a case by case basis provided that:
 - a) all requirements related to the proposed work, as outlined in the Development Services Bylaw, are adhered to by the contractor;
 - b) the property owner has entered into a servicing agreement with the *District* with respect to the proposed work in form and content satisfactory to the *Director*; and,
 - c) the property owner has provided to the *District* security in an amount and form satisfactory to the *Director* to secure the owner's obligations under the servicing agreement.

(7972)

Use of Sanitary Sewer System

6. No person may use the *sanitary sewer system* for other than the discharge of *sewage*. All discharge into the *sanitary sewer system* must comply with Greater Vancouver Sewerage and Drainage District Sewer Use Bylaw no. 164 as amended from time to time.

Use of Storm Sewer System

7. No person may use the *storm sewer system* for other than the discharge of *storm water* or any *clear water waste* or both as permitted by the relevant provisions of the current *Building Regulations of British Columbia*.

- 7.1 Except as provided in sections 7.2 and 7.3, no person shall discharge groundwater to the storm sewer system.

- 7.2 Except as set out in section 7.5, where the Director is satisfied that a proposed development cannot proceed without discharging groundwater to the storm sewer system, ground water may be discharged to the storm sewer system provided that a detailed hydrogeological report is prepared by a qualified professional and is approved by the Director, which report must state that:

- a) there are no other practical alternatives;
- b) the proposed discharge will have no detrimental impacts to creek base flows and the receiving environment including fisheries and aquatic life;
- c) the proposed discharge will not materially increase loading on storm sewer system; and
- d) the groundwater regime will be maintained as close as possible to pre-development conditions.

(8699)

- 7.3 For proposed single family developments the Director may permit discharge of groundwater to the storm water system without the requirement for a report from a qualified professional, provided that the Director is satisfied, in their sole discretion, that conditions (a) to (d) in section 7.2 are satisfied.

(8049)

- 7.4 For permitted single family and multi family development while under construction the Director may permit temporary discharge of groundwater to the storm water system provided that the Director is satisfied, in their sole discretion, that conditions (a) to (c) in section 7.2 are satisfied and the applicable fees in Section F of Attachment 4 are paid.

- 7.5 Notwithstanding section 7.2, under no circumstance shall a proposed small-scale multi-family redevelopment discharge groundwater to the storm sewer system. For the purpose of this section 7.5, section 8.1, and section 9.1 "small-scale multi-family redevelopment" means the redevelopment of a parcel with 4, 5 or 6 dwelling units where the parcel was previously vacant or developed with a single-family house or a duplex.

(8448, 8699)

Requirements to use the Sanitary Sewer System

8. Except as provided in this section and in section 8.1 every *sanitary drainage system* shall discharge into a *sanitary sewer connection* connected to the *sanitary sewer system*. However, an alternative disposal method may be used:

- a) where the *sanitary sewer system* is located more than 350 metres horizontally from the nearest point of the *real property* upon which is located the building served by the *sanitary drainage system*;
- b) where the *sanitary drainage system* is connected to an approved existing, functioning, alternate disposal system.

All *sewage* disposal must comply with the *Health Act*, R.S.B.C. 1979, c 161. and the current *Building Regulations of British Columbia*, and the B.C. Special Waste Regulations, and the GVS & DD Sewer Use Bylaw No. 164.

(8699)

- 8.1 For any proposed small-scale multi-family redevelopment:
 - a) every sanitary drainage system shall discharge into a sanitary sewer connection connected to the sanitary sewer system;
 - b) no discharge into a sanitary sewer connection connected to the sanitary sewer system is permitted if:

- (i) the Director determines that the capacity of the sanitary sewer system or the capacity of a Greater Vancouver Sewerage and Drainage District (GVS & DD) sewer pipes, would, or potentially could, be insufficient to service, now or in the future, the proposed small-scale multi-family redevelopment if, now or in the future, 25% of the parcels within the catchment area in which the proposed small-scale multi-family redevelopment is located as well as all downstream catchment areas, all as determined by the Director, are redeveloped with 4 or more dwelling units; and
- (ii) the District does not have a formal Council-approved plan in place to upgrade the sanitary sewer system as necessary to service 100% small-scale multi-family redevelopment of the entire catchment area in which the proposed small-scale multi-family redevelopment is located and all downstream catchment areas. Any such plan would have to take into account the cost of the infrastructure upgrades for the projected buildout, the District's budgetary constraints and any other constraints.

This section 8.1 does not apply to any development (or redevelopment) on any parcel for which a complete building permit application was received on or before July 2, 2024.

(8699)

Requirements to use the Storm Sewer System

9. Except as provided in this section and in section 9.1 all *storm water*, *clear waste water* and run-off from hard surfaces shall discharge into the *storm sewer system*. Alternative discharge is permitted in accordance with the current *Building Regulations of British Columbia*, upon acceptance of the *Director* where the following conditions apply:
- a) discharge by pumping would be required;
or
 - b) the *storm sewer system* is located more than 50 metres horizontally from the nearest point of *real property* upon which is located the building served by the *storm drainage system*;
and
 - c) the *storm drainage system* is connected to an approved existing, functioning, alternate discharge system.

Where an alternate discharge has failed or is creating damage or a nuisance to adjoining properties, the discharge shall be connected into the nearest available *storm sewer system*, or, failing the availability of a *storm sewer system*, an alternate system is acceptable if designed by a Professional Engineer and accepted by the *District*.

(8699)

- 9.1 For any proposed small-scale multi-family redevelopment:
- a) all storm water, drainage, clear waste water and run-off from hard surfaces shall discharge into the storm sewer system.
 - b) no discharge into the storm sewer system is permitted if the storm sewer system does not extend to the site of the proposed small-scale multi-family redevelopment unless the District in its discretion approves such an extension;
 - c) no discharge into the storm sewer system is permitted if:
 - (i) the Director determines that the capacity of the storm sewer system, would, or potentially could, be insufficient to service, now or in the future, the proposed small-scale multi-family redevelopment or would, or potentially could, cause private or public property damage or irreparable harm to natural aquatic environments if, now or in the future, 25% of the parcels within the catchment area in which the proposed small-scale multi-family redevelopment is located and all downstream catchment areas, all as determined by the Director, are redeveloped with 4 or more dwelling units; and
 - (ii) the District does not have a formal Council-approved plan in place to upgrade the storm sewer system as necessary to service 100% small-scale multi-family redevelopment of the entire catchment area in which the proposed small-scale multi-family redevelopment is located and all downstream catchment areas. Any such plan would have to take into account the cost of the infrastructure upgrades for the projected buildout, the District's budgetary constraints, downstream impacts of the upgrades including impacts to natural aquatic environments, senior government regulatory requirements, and any other constraints.

This section 9.1 does not apply to any development on any parcel for which a complete building permit application was received on or before July 2, 2024.

(8699)

Monitoring Chamber

10. a) New *sanitary drainage systems* which are located on land that is zoned CD, industrial, or commercial according to the "District of North Vancouver Zoning Bylaw, 1965, as amended, shall not be connected to a *sanitary sewer connection* unless equipped with a monitoring chamber. The monitoring chamber that meets the technical specifications is set out in Attachment 1, and is suitable for the sampling and inspection of the *sewage* which is discharged from the *sanitary drainage systems* to the *sanitary sewer connection*. For sampling purposes, the monitoring chamber must be void of *domestic sewage*. Process information and a technical drawing must also be submitted to the Air Quality and Source Control Department of the GVRD for approval.
- b) A property owner that is served with written notice from the *Director* advising that a monitoring chamber is required on an existing or new *sanitary drainage system* located on that owner's property shall install a monitoring chamber on that *sanitary drainage system* in accordance with subsection 10 (a) and 10 (c) of this bylaw:
 - i) within one year of the notice being served for an existing *sanitary drainage system*; or
 - ii) prior to connection to the *sanitary sewer connection* in the case of a new *sanitary drainage system*; or
 - iii) as ordered by the *Director*.
- c) An owner of a parcel of land, or person on behalf of the owner, who installs a monitoring chamber shall install the monitoring chamber on the *sanitary drainage system* at or near property line within the bounds of the owner's parcel of land. All costs associated with the installation and maintenance thereof shall be the responsibility of the owner.
- d) The *Director* may waive the requirements of this section where the property owner has submitted a report from a Professional Engineer certifying that the intended use of the property including any construction or remodelling work will introduce only *domestic sewage* to the *sanitary sewer system*.

Oil & Grit Interceptors

11. a) New *storm drainage systems* which are located on land that is zoned CD, industrial, or commercial according to the "District of North Vancouver Zoning Bylaw, 1965", as amended, shall not be connected to a *storm sewer connection* unless equipped with an oil and grit interceptor. The oil and grit interceptor shall meet the technical specifications set out in Attachment 2 and shall be suitable for the sampling and inspection of the *storm water* which is discharged from the *storm drainage system* to the *storm sewer connection* and suitable for the interception, retention, and removal of *deleterious substances* in that discharge.
- b) A property owner that is served with written notice from the *Director* advising that an oil and grit interceptor is required on an existing or new *storm drainage system* located on that owner's property shall install an oil and grit interceptor on that *storm drainage system* in accordance with subsections 11(a) and 11(c) of this bylaw:
 - i) within one year of the notice being served for an existing *storm drainage system*; or
 - ii) prior to connection to the *storm sewer connection* in the case of a new *storm drainage system*; or
 - iii) as ordered by the *Director*.
- c) An owner of a parcel of land, or person on behalf of the owner, who installs an oil and grit interceptor shall install the oil and grit interceptor on the *storm drainage system* at or near the property line within the bounds of the owner's parcel of land. All costs associated with the installation and maintenance thereof shall be the responsibility of the owner.
- d)
 - i) All oil and grit interceptors shall be cleaned by a waste contractor holding a valid *District* business licence as frequently as necessary to ensure that *deleterious substances* in the discharge from the *storm drainage system* are intercepted and retained for removal;
 - ii) The owner of the property on which an oil and grit interceptor has been installed shall maintain records of the cleaning for inspection by the *Director* and shall forward, to the *Director*, by May 1 of each year, a copy of the record of inspections for the previous 12 months;
 - iii) Such records are to be maintained on the premises on which the oil and grit interceptor is located and are to be retained for not less than six years;

- iv) The *Director* may order the owner of an oil and grit interceptor to undertake more frequent cleaning if there is evidence that inadequate or lack of cleaning of the oil and grit interceptor has impaired its ability to intercept, and retain for removal, the *deleterious substances* in the discharge from the *storm drainage system*.
- e) The *Director* may waive the requirements of this section where the property owner has submitted a report from a Professional Engineer certifying that the intended use of the property including any construction or remodelling work, will not introduce *deleterious substances* to the *storm sewer system*.

Inspection Chambers

- 12. a) All new *storm drainage connections* and *sanitary drainage connections* that do not require a monitoring chamber or an oil and grit chamber or have a man-hole at or near the property line shall be equipped with an inspection chamber that meets the technical specifications set out in SSD-S.6 and S.7, Sewer Service Connection Details.

(8091, 8107)

Establishment of Sewer Connections

- 13. The *District* will allow connections to the *sanitary sewer system* and the *storm sewer system* in accordance with the following procedure:
 - a) an owner of *real property* makes a written request to the *Director* for a *sanitary sewer connection* or a *storm sewer connection*;
 - b) the request shall be accompanied by payment for the connection, in accordance with Attachment 3;
 - c) the request shall contain the permission of the owner of the *real property* for *District Employees* providing the connection to enter the *real property* being serviced;
 - d) upon being satisfied that the requested connection can be made in accordance with good engineering practice and complies with the provisions of this bylaw, and the discharge meets the requirement of GVS & DD Sewer Use Bylaw No. 164, the *Director* may direct that the *work* be done;
 - e) the connections may not be used until approval has been granted by the *Director*.
 - f) sewer connection charges shall be levied based on the rates applicable in the year that the work takes place.

(7972)

Re-Use of Existing Sewer Connections

- 14. All building permits of value \$200,000 or greater will require a new sanitary sewer connection unless:
 - a) the existing connection(s) is less than 30 years old;
 - b) a current video inspection meeting MMCD or equivalent standards is undertaken by a qualified inspector and provided to the District;
 - c) the video inspection establishes to the satisfaction of the Director that the connection(s) is in good condition with no defects; and,
 - d) the connection meets current District standards as contained in the District's Development Servicing Bylaw for pipe material, size, capacity, grade and location and does not conflict with existing or proposed underground utilities, retaining walls, structures or trees.

A new storm service connection may be required if the existing service does not meet current DNV standards specified in District's Development Servicing Bylaw for pipe material, size, capacity, grade and location, contains defects or conflicts with existing or proposed underground utilities, retaining walls, structures or trees.

For building permits of value \$200,000 or greater, any permitted re-use of a sanitary or storm sewer connection will require a new inspection chamber be installed to District standards as contained in the District's Development Servicing Bylaw.

(8601, 8655)

Sanitary Sewer System User Charge

- 15. The owner or occupier connected to the sanitary sewer system shall pay the applicable fees and charges for the use of such system in accordance with Attachment 4. All annual fees and charges are for the calendar year in which they are payable. All fees and charges payable under Attachment 4, Section A ("Unmetered Water Supply") are due and payable on March 31 in each year, provided that if March 31 is a Saturday, Sunday or statutory holiday in British Columbia, then such fees and charges shall be due and payable on the next business day. Any such fees and charges that remain unpaid on

the day immediately following the due date therefor shall be subject to a penalty in an amount equal to 5% of the unpaid fees and charges, which penalty amount shall be payable along with the outstanding fees and charges. Any such fees and charges that remain unpaid on the last business day in May in the year in which they were due shall be subject to an additional penalty in an amount equal to 5% of the unpaid fees and charges, which additional penalty amount shall be payable along with the outstanding fees and charges and the initial penalty amount. All fees, charges and penalties payable hereunder that remain unpaid as of December 31 in the year in which they were due may be collected in the same manner and with the same remedies as property taxes.

For the 2025 calendar year only, where a penalty would be payable under this section but payment is received on or before the last business day in May of 2025, such penalty shall not be applied to that portion of the fees and charges received on or before the last business day in May of 2025.

(8107, 8721)

Capping and Abandonment of Sewer Connections

16. Before a building is demolished, destroyed or removed from real property, any sanitary sewer connection or storm sewer connection shall undergo service capping or service abandonment by District employees. The cost of service capping or service abandonment shall be paid by the owner or occupier of the real property, in accordance with Attachment 3.

In cases of service abandonment, the annual sewer and drainage user charges payable in respect of the said connection will be reduced by a pro-rated amount reflecting the period that the sewer/storm connection is abandoned.

(8021, 8107, 8766)

Order to Comply

17. When an owner or occupier of *real property* has failed to comply with the provisions of this bylaw, the *Director* may, in addition to other enforcement measures that the *District* may take, serve on such owner or occupier an *Order to Comply*, specifying the non-compliance and indicating a date by which the owner or occupier is ordered to comply.

(8107, 8559)

Service

18. The *Director* may serve any notice, order, or invoice issued pursuant to this bylaw by:
- a) personal service; or
 - b) return registered mail to the address of the owner or the occupier, as appropriate, shown on the last revised *real property* assessment rolls in which case the owner or occupier shall be deemed to have been served on the third day after mailing.

Appeal

19. An owner who has been served an *Order to Comply* may, by giving notice in writing to the Municipal Clerk at least three business days prior to the expiry of the time given in the *Order to Comply* to remedy the failure to comply, appeal to the Council in writing who may hear and determine the appeal by confirming, amending or rescinding the *Order to Comply*.

Default

20. If the terms of an *Order to Comply* are not fulfilled by the date prescribed in the order, the *District* may have *District Employees* enter the *real property* and do the *work* necessary to bring the property into compliance with the *Order to Comply* and the *District* may recover the cost of such work from the owner or occupier of the property and such costs will constitute a debt due and owing in accordance with section 17 of the *Community Charter*.

(8388)

Costs

21. The *Director* shall certify to the Director of Financial Services all costs incurred by the *District* in performing or causing to be performed any *work* under Section 20, upon receipt of which the Director of Financial Services shall demand payment by issuing an invoice in the amount of the costs to the person named in the *Order to Comply*, and to the owner of the *real property*, if different from such person, and such invoice may be served in accordance with section 18.

Right of Entry

22. The *Director* and *District employees* designated by the *Director* may enter on any property, at all reasonable times, for the following purposes:
- (a) to ascertain whether the provisions of this bylaw and the terms and conditions of any permit or order issued by the *Director* pursuant to this bylaw are being complied with; and
 - (b) to access, inspect, repair, maintain or conduct work on the *sanitary drainage system* or the *storm drainage system*, including but not limited to pipes, connections, fixtures, maintenance holes, and any other related apparatus.
- (8388)**

Obstruction

23. A person must not interfere with, delay, obstruct or impede the entry of *District employees* or other authorized officials or contractors of the *District* onto or into any land, building, structure or premises at any reasonable time in order to administer and enforce this bylaw.
- (8388)**

Offences and Penalties

24. (a) A person who:
- i. contravenes a provision of this bylaw;
 - ii. causes, consents to, allows or permits an act or thing to be done contrary to this bylaw;
 - iii. neglects or refrains from doing anything required by a provision of this bylaw; or
 - iv. fails to comply with any order, direction or notice given under this bylaw,
- commits an offence and is subject to the penalties imposed by this bylaw and the *Offence Act*.
- (b) Each instance that a contravention of a provision of this bylaw occurs and each day that a contravention occurs or continues shall constitute a separate offence.
- (c) A person found guilty of an offence under this bylaw is subject to a fine of not less than \$1,000.00 and not more than \$50,000.00 for every instance that an offence occurs or each day that it occurs or continues, plus the costs of prosecution.”
- (8388, 8559)**

Enforcement by Ticket

25. Pursuant to section 264 of the *Community Charter*, this bylaw is designated as a bylaw that may be enforced by means of a ticket in the form prescribed and Bylaw Enforcement Officers are designated to enforce this bylaw.
- (8388)**

Ticketing

26. The words or expressions listed below in the “Designated Expression” column are authorized to be used on a ticket issued pursuant to section 264 of the *Community Charter* to designate an offence against the respective section of this bylaw appearing opposite in the “Section” column. The amounts appearing in the “Fine” column below are the fines set pursuant to section 264 of the *Community Charter* for contravention of the respective section of this bylaw appearing opposite in the “Section” column.
- (8388)**

Section number	Designated Expression (Short-Form Description)	Fine
5	Work on <i>sewer system</i> or <i>connection</i>	\$500
6	Unpermitted discharge into <i>sanitary sewer system</i>	\$1,000
7	Unpermitted discharge into <i>storm sewer system</i>	\$1,000
7.1	Discharge groundwater into <i>storm sewer system</i>	\$500
8	Fail to discharge sewage into <i>sanitary sewer system</i>	\$1,000
9	Fail to discharge water into <i>storm sewer system</i>	\$500
11(d)(i)	Fail to keep oil and grit interceptors clean	\$200
11(d)(ii)	Fail to keep records of oil and grit interceptor cleaning	\$100
12(a)	Fail to install inspection chamber	\$100

16	Fail to have sewer connection capped	\$200
23	Obstruct bylaw enforcement officer	\$300

(8388)

Remedies or Enforcement

27. Nothing in this bylaw shall be construed as in any way limiting or restricting the powers of the municipality to enforce the provisions of this bylaw in any manner authorized by law.

(8388)

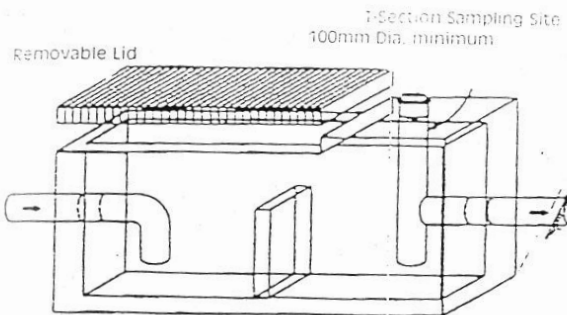
Repeal

28. The Sewer Charges and Fees Bylaw (Bylaw 5343) and amendments are hereby repealed.

(8388)

ATTACHMENT 1 TO THE SEWER BYLAW (BYLAW 6656)

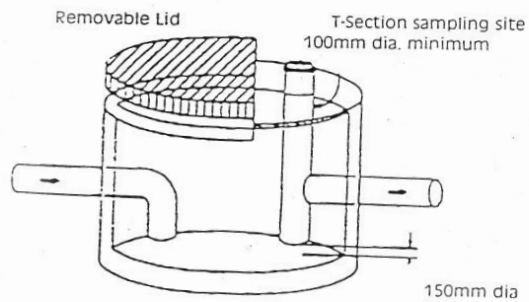
EXAMPLE OF A BELOW GROUND "T" SECTION SAMPLING SITE



Metric Conversion:
1 inch = 25 millimeter

Attachment 1

EXAMPLE OF AN ABOVE GROUND "T" SECTION SAMPLING SITE



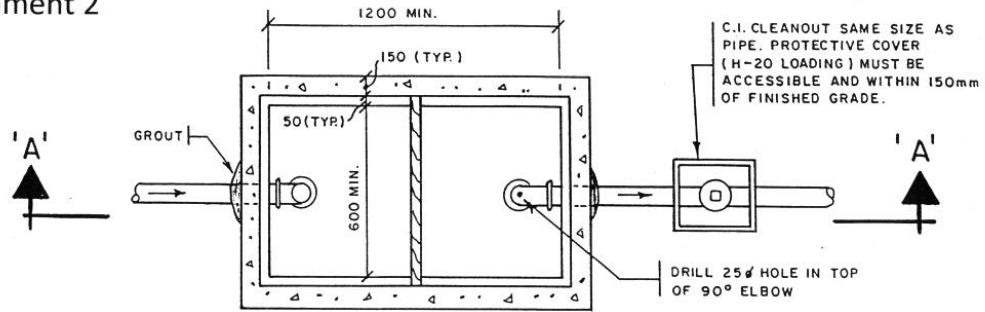
NOTES:

1. Construction to conform to building & plumbing by-laws
2. Approval by permitting agency subject to inspection by municipal plumbing inspector
3. CVS & DD approval may be required
4. Inlet and outlet size as approved by the municipality for size of connection.
5. Minimum diameter of T-Pipe 100mm or 4 inches
6. Installations inside buildings must have sealed (gasket) lids
7. Outdoor applications do not require sealed lids
8. Extension pipe through lid to be sealed at penetration
9. Monitoring chambers must be vented
10. Down pipes must not extend into sludge layer
11. Alternatives to the example shown will be considered upon request by the permittee

ATTACHMENT #1

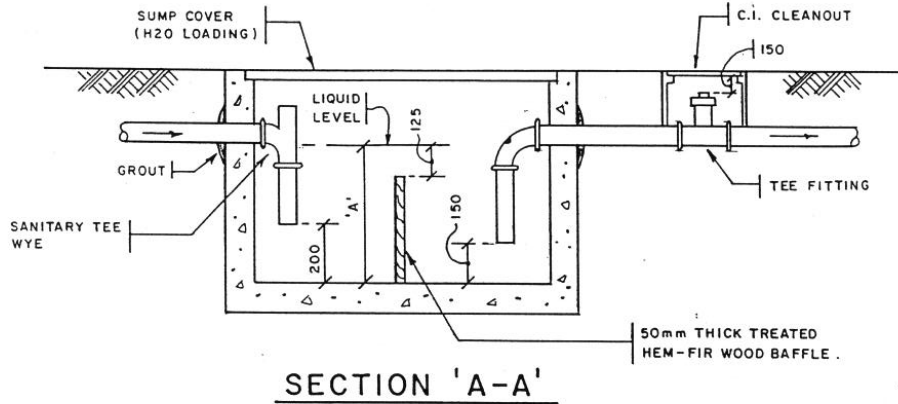
ATTACHMENT 2 TO THE SEWER BYLAW (BYLAW 6656)

Attachment 2



SUMP PLAN WITH COVER REMOVED

FOR CONSTRUCTION NOTES SEE DWG. DB-D24



MAXIMUM PAVED PARKING AREA m ²	OUTLET PIPE SIZE mm	OIL INTERCEPTOR SIZE		
		LENGTH mm	WIDTH mm	LIQUID DEPTH 'A' mm
604	100	1200	600	600
1,765	150	1350	600	600
3,716	200	1500	750	600
6,875	250	1800	750	750
11,148	300	2100	900	750
20,438	375	2400	900	850

BASED ON A RAINFALL INTENSITY OF 9mm / 15 MIN. PERIOD

OIL INTERCEPTOR

DISTRICT of NORTH VANCOUVER
PERMITS and LICENCES DEPT.

Approved By

Date DEC.1993

Plan No

Drawn By S.A.M.

Scale N.T.S.

BD-D25

AM-1357

ATTACHMENT 3 TO THE SEWER BYLAW (BYLAW 6656)

SCHEDULE OF INSTALLATION CHARGES		
1. Service Capping Fees:		
• Storm	\$ 3,081	
• Sanitary	\$ 3,081	
2. Service Abandonment Fees:		
• Storm	\$ 5,887	
• Sanitary	\$ 5,887	
3. Inspection Chamber Installation	\$ 4,247	
<p>4. Base Sewer Connection Charges for connections between 0 and 3.0 m deep consists of a service connection installation to main charge plus a service connection length charge.</p> <p>Charges for connections greater than 3.0 metres in depth, if deemed acceptable, or 300mm in diameter shall be estimated and charged on a site-specific basis.</p> <p>Note that these charges do not include restoration fees. Restoration fees are charged separately (refer to Construction Works on DNV Infrastructure section of the Fees and Charges Bylaw).</p>		
Service Connection Installation to Main Charge	0 - 2.0m DEEP	OVER 2.0m - 3.0m DEEP
1st Connection	\$ 3,006	\$ 3,863
2nd Connection	\$ 1,468	\$ 1,539
Service Connection Length Charges	0 - 2.0m DEEP	OVER 2.0m - 3.0m DEEP
1st Connection	\$ 513 / meter	\$ 791 / meter
2nd Connection	\$ 256 / meter	\$ 309 / meter
5. Utility crossing charge is payable for each crossing required when laying the connection underneath other pipes or ducts.	\$ 1,194 each	
6. Pole holder charge is payable when the proximity of the excavation to a power pole requires a pole holder.	\$ 2,614 each	
7. Installation charges for storm or sanitary sewer connections:		
a) The “first connection” shall be the longest or deepest connection, whichever results in the higher charge.		

b) "Second" connection rates shall only apply when these connections are installed in the same trench (standard width) at the same time as the "first" connection.
c) Connection charges shall be based on the greater of the depths measured between the ground surface at the property line or the ground surface at the main and the design depth of the connection at those two locations.
d) The cost to replace any existing legal pin disturbed due to its proximity to the new connection shall be borne by the applicant.
e) The cost for any rock work requiring blasting, drilling or splitting shall be in addition to the charges calculated in this schedule.
f) BC Hydro charges for any work related to the connection installation shall be in addition to the charges calculated in this schedule.
g) The cost to connect to a concrete encased sewer pipe shall be in addition to the charges calculated in this schedule.
h) The cost of DNV staff required to complete an engineering design for a sewer connection shall be in addition to the charges calculated in this schedule.
i) Cost to install, raise, alter or repair a manhole shall be estimated and charged on a site specific basis.
j) Cost to remove, reduce or alter trees shall be in addition to the charges calculated in this bylaw.
k) Charges are applied based on the year of construction.
l) Where a service connection installation fee is charged, the Inspection Chamber is included for that service. The Inspection Chamber Installation charge is for the installation of a new inspection chamber on an existing service which is permitted for re-use.

(Amending Bylaws: 6723, 6928, 6826, 6992, 7058, 7142, 7230, 7308, 7368, 7438, 7513, 7586, 7639, 7702, 7748, 7815, 7873, 7913, 7972, 8021, 8091, 8107, 8151, 8195, 8270, 8352, 8388, 8448, 8536, 8602, 8655, 8721, 8766))

ATTACHMENT 4 TO THE SEWER BYLAW (BYLAW 6656)

A. UNMETERED WATER SUPPLY

FLAT RATE ANNUAL CHARGES FOR UNMETERED WATER SUPPLY	
USER	ANNUAL CHARGE
Single Family Residence	\$ 1,255.60
Row House/ Duplex	\$ 1,044.80
Secondary Suite	\$ 440.20
Coach House	\$ 440.20
Multi-family	\$ 1,044.80
Rest Home per bedroom	\$ 935.80
Retail, office or service commercial premise	\$ 1,255.60
<ul style="list-style-type: none"> • With living quarters, an additional 	\$ 1044.80
Church	\$ 1,255.60
<p>Annual Charge</p> <p>The flat rate annual charge is due and payable at the time and in the same manner set out in section 15 of this Bylaw. All charges are for the calendar year from January 1 to December 31.</p>	
<p>Charges Pro-Rated</p> <p>For parcels serviced for less than one year, the annual charge will be paid on a pro-rated basis to the date of <i>service abandonment</i> subject to Section 16 or from the date of connection to the last date in December.</p>	
<p>Date of connection</p> <p>The date of connection for a parcel is the date on which the sewer connection is installed to the parcel. Flat rate charges for additional dwelling units within a parcel commence on the date of the final plumbing inspection for those additional dwelling units.</p>	
<p>Secondary Suite</p> <p>Any property adding a Secondary Suite or Coach House (as defined in the District's Zoning Bylaw 3210) will be charged the additional annual charge(s) on a pro-rated basis from the date of the final plumbing inspection for the additional suite or coach house to the last date in December.</p> <p>Any property owner with an additional unauthorized dwelling unit contained within a building of residential occupancy will be charged the annual charge for the calendar year upon confirmation of the additional unit.</p> <p>A property owner who removes a Secondary Suite must give written notice to the Chief Bylaw Officer. The annual charge for the Secondary Suite will be pro-rated to the date of electrical inspection by the District Inspector confirming the removal of the suite.</p>	

B. METERED PROPERTIES

The sewer charge for properties that are metered or where sewage discharge is metered or otherwise measured under a GVS&DD Waste Discharge Permit is based on the quantity of water delivered to the property or the quantity of sewage discharged from the property and is due and payable on the 20th day of the month in which the account is rendered:

Monthly Sewer and Drainage Charges for Metered Properties	
First 1,000 cu.ft used or part thereof	\$ 126.40
All in excess of 1,000 cu.ft used – per 100 cu.ft or part thereof	\$ 13.00

Quarterly Sewer and Drainage Charges for Metered Properties	
First 3,000 cu.ft used or part thereof	\$ 379.30
All in excess of 3,000 cu.ft used – per 100 cu.ft or part thereof	\$ 13.00

C. REDUCTION IN CHARGE

Where owner/occupier of property with metered water supply can establish annually to the satisfaction of the Director or the Directors designate that less than 80% of water delivered by the water utility to the property is discharged into the sanitary sewer system, sewer charge reduced in proportion to amount of water not discharged into sewer system:

Quantity of Water Discharged to Sanitary Sewer	Reduction in Sewer Charge
65% to 80%	25%
35% to 65%	50%
35% or less	75%

D. INDUSTRIAL BOD/TSS CHARGES

Annual charge for discharge to sanitary sewer from property regulated under a GVS&DD Waste Discharge Permit:

GVS&DD WASTE DISCHARGE PERMITEE SEWER CHARGES	
MONTHLY METERED PROPERTIES	
First 1,000 cu.ft used or part thereof	\$ 126.40
All in excess of 1,000 cu.ft used – per 100 cu.ft or part thereof	\$ 7.74
QUARTERLY METERED PROPERTIES	
First 3,000 cu.ft used or part thereof	\$ 379.20
All in excess of 3,000 cu.ft. used – per 100 cu.ft. or part thereof	\$ 7.74

(Amending Bylaws: 6723, 6928, 6826, 6992, 7058, 7142, 7230, 7308, 7368, 7438, 7513, 7586, 7639, 7702, 7748, 7815 7873, 7913, 7931, 7972, 8021, 8049, 8091, 8151, 8195, 8270, 8352, 8388, 8448, 8536, 8602, 8655, 8721, 8766)