

**PEACE RIVER REGIONAL DISTRICT
By-Law No. 1639, 2006**

A by-law to regulate and permit sewage discharge
within the **Rolla Subdivision**

WHEREAS Section 796 of the Local Government Act, R.S.B.C. 1996, c. 323, authorizes the Regional District to establish and operate a service for the collection, conveyance, treatment and disposal of sewage; and

WHEREAS Section 3 of the Environmental Management Act, SBC 2003, c. 53 authorizes the Regional District to make by-laws respecting the discharge of wastes into any sewer or drain connected to a sewage facility operated by the Regional District; and

WHEREAS the Peace River Regional District has installed a sewage collection and treatment system to serve the Rolla Subdivision area;

NOW THEREFORE the Regional Board of the Peace River Regional District, in open meeting assembled, enacts as follows:

1. This by-law may be cited for all purposes as "Rolla Subdivision Sewage Regulation By-Law No. 1639, 2006."
2. This by-law applies to that area outlined in bold on the sketch attached to this by-law as Schedule "A".

Definitions

3. In this by-law,

"**APPLICATION FEE**" means the fee payable for a sewage disposal permit as established by Section 6 of this by-law;

"**B.O.D.₅**" means the total 5 day bio-chemical oxygen demand;

"**BODY OF WATER**" means a river, stream, brook, creek, water course, lake, pond, spring, lagoon, swamp, marsh, canal or other flowing or standing water;

"**BUILDING DRAIN**" means the horizontal piping, including any vertical offset, that conducts sewage to a building sewer, and includes that part of the drainage system outside and within 1 metre of the wall of a building;

"**BUILDING SEWER**" means septic tank, pumps, pipes, valves and fittings that are connected to a building drain outside a wall of a building and that lead to a public sewer;

"**DOMESTIC SEWAGE**" means human excretion or the water-carried wastes from drinking, culinary purposes, ablutions, laundering, food processing or ice producing;

"**GARBAGE**" means solid wastes from the preparation, cooking and dispensing of food, and from the handling, storage and sale of produce;

Definitions: continued

"GREASE" means fats, waxes, oils and any other non-volatile material determined in accordance with Standard Methods;

"INDUSTRIAL WASTE" means liquid wastes from an industrial, manufacturing, institutional or commercial establishment;

"INSPECTOR" means a person appointed by the Regional Board as Inspector for the Regional District or any other person appointed by the Regional Board to administer this by-law;

"INTERCEPTOR" means a receptacle that is installed to prevent oil, grease, sand or other materials from passing into a drainage system;

"LITRE" means metric measurement of liquids;

"MUNICIPALITY" means a local government incorporated through supplementary Letters Patent with the Provincial Government;

"PERSON" means any individual, firm, company, association, society, corporation or group owning or occupying any building or place or having the management of any building or place to which this by-law applies and includes the owner;

"pH" means the logarithm (to the base 10) of the reciprocal of the hydrogen ion concentration in moles per litre and denotes alkalinity or acidity;

"PLOT PLAN" means a plan showing the location of all present and proposed buildings, property lines and dimensions to show the specific location of the building sewer;

"PUBLIC SEWER" means a collection pipe that has one or more sewer service connections used to convey sewage to a sewage treatment;

"PUBLIC SEWAGE WORKS" means all facilities located on public land for the collection, transmission, treatment and disposal of public sewage and includes a drain, sewer pipe or conduit used for the conveyance of sewage and includes a sewage treatment facility;

"REGIONAL BOARD" means the Board of the Peace River Regional District;

"REGIONAL DISTRICT" means the Peace River Regional District;

"SANITARY SEWER" means a sewer which carries sewage and to which storm, surface and ground waters are not intentionally admitted;

"SEWER SERVICE" means that portion of the "building sewer" between the private property line and the sewer main;

"SEWAGE" means a combination of the water-carried wastes from residences, commercial buildings, institutions and industrial establishments, and does not include surface and storm water runoff;

Definitions: continued

"SEWAGE TREATMENT FACILITY" means any arrangement of equipment and structures used for treating sewage, owned and operated by the Regional District or municipality;

"SEWER" means a pipe or conduit for carrying sewage;

"SEWERAGE WORKS" means all facilities for collecting, pumping, treating and disposing of sewage;

"STANDARD METHODS" means the analytical and examination procedures set forth in the current edition of "Standard Methods for the Examination of Water and Waste Water" published jointly by the American Public Health Association, the American Waterworks Association and the Water Pollution Control Federation;

"STORM WATER" means water that is discharged from a surface as a result of rainfall or snowfall;

"SUSPENDED SOLIDS" means solids that either float on the surface of, or are in suspension in water, sewage or other liquids and which are removable by laboratory filtering; and

"WATER COURSE" means a channel in which a flow of water occurs either continuously or intermittently.

Warranty or Representation

4. Neither the issuance of a permit under this by-law, the review and approval of the plans and supporting documents, nor inspections made by the Inspector, shall in any way constitute a warranty or representation that this by-law has been complied with and no person shall rely on any of the above listed matters as establishing compliance with this by-law.

Use of Public Sewers Required

5. The owners and occupiers of every parcel on which a building is located shall ensure that all Domestic Sewage originating from it is discharged into the Public Sewer.
6. The owners and occupiers of a parcel on which a building is located shall ensure that all Sewage Works on that parcel are constructed, installed and maintained in accordance with good engineering practice and all applicable enactments.
7. The owners and occupiers of a parcel on which a building is located shall ensure that all Sewerage Works on that parcel operate in a manner that does not damage or interfere with the effective operation of the Public Sewer.

Use of Public Sewers Required (continued)

8. Unless written permission is first obtained from the Inspector under Section 9, no person shall connect any Sewerage Works to a Public Sewer unless those Sewerage Works have been designed, constructed and installed in accordance with Schedule 'B'.
9. The Inspector may grant permission to a person to connect to the Public Sewerage Works that do not fully conform with the specifications in Schedule 'B', provided that person has submitted to the Inspector a letter from a person who meets the requirements of Section 7(3) of the Sewerage System Regulation, B.C. Reg 326/2004 identifying alternative specifications and certifying that in his or her opinion Sewerage Works designed, constructed and installed in accordance with those alternative specifications would conform with Section 6 of this By-law.
10. Where a person has obtained permission under Section 9, that person shall not connect Sewerage Works to the Public Sewer except in accordance with the alternative specifications in respect of which the permission has been given and any specifications in Schedule 'B' not affected by the permission.
11. The owner or occupier of every building shall ensure that domestic sewage emanating from it does not reach the surface of land or discharge into a surface body of water.
12. Other than structural damage found on the sewer service located on public property, every property owner shall, at his own expense, maintain all the elements of the building sewer, including blockages, from his building to the public sewer.
13. In the event that any building sewer connection is abandoned, the owner, at his expense, shall effectively cap the connection at a suitable location within his property.
14. No person shall discharge, or permit to be discharged, into the Public Sewer anything except domestic sewage.
15. No person shall discharge, or permit to be discharged, into the Public Sewer any of the following:
 - a) water or waste containing fat, oil or grease of such character or quantity that unusual attention or expense is required to handle such materials by the Regional District collection system or sewage treatment plants.
 - b) gasoline, benzene, naphtha, fuel oil or other flammable or explosive liquid solid or gas.
 - c) household garbage.
 - d) ashes, cinders, sand, mud, straw, shavings, metal, glass, rags, feathers, tar, plastics, wood or other solid or viscous substance capable of causing obstruction to the flow of sewers or other interference with the proper operation of the sewage works.

Use of Public Sewers Required (continued)

15.
 - e) waters or wastes having pH lower than 5.5 or above 12.0 or having any other corrosive property capable of causing damage or hazard to structures, equipment, biological sewage treatment processes, or personnel of the sewage works.
 - f) waters or wastes containing a toxic or poisonous substance in sufficient quantity to injure or interfere with any sewage treatment process, constitute a hazard to humans or animals, or create any hazard in the receiving waters of the sewage treatment plant.
 - g) waters or waste containing suspended solids of such character and quantity that unusual attention or expense is required to handle such materials at the sewage treatment facility.
 - h) gas or substances capable of creating a public nuisance.
 - i) water or waste containing a radioactive substance.
16. Grease, oil and sand interceptors shall be required on private property for all restaurants, garages, gasoline service stations and vehicle and equipment washing establishments; interceptors shall be required for other types of businesses when in the opinion of the Inspector they are necessary for the proper handling of liquid waste containing grease in excessive amounts, or any flammable wastes, sand and other harmful substances, except that such interceptors shall not be required for private living quarters or dwelling units. All interceptors shall be of a type and capacity approved by the Inspector and shall be so located as to be readily and easily accessible for cleaning and inspection. Where installed, all grease, oil and sand interceptors shall be maintained by the property owner at the property owner's expense in continuously efficient operation at all times.
17. In case any blockage, either wholly or in part, of public sewer is caused by reason of failure, omission or neglect to comply strictly with the foregoing provisions, the owner, proprietor or occupier concerned therein shall, in addition to any penalty for infraction of the provisions hereof, be liable to the Regional District for all costs of clearing such blockage and for any other amount for which the Regional District may be liable because of such blockage.
18. No person shall discharge or cause to be discharged into any sewer industrial waste in a greater volume than 20,000 litres per month without obtaining an approval so to do from the Inspector in the manner provided in this by-law, but no such approval shall be given by the Inspector until:
 - a) such person has made application in writing for permission to discharge industrial waste into the Regional District system, and
 - b) such applicant shall have provided to the Inspector the chemical and physical analysis, quantity and rate of discharge of sewage proposed to be so discharged, and any other information that is reasonably required, including all pertinent information relating to any proposed pre-treatment before discharge; and
 - c) the application has been formally approved in writing.

Use of Public Sewers Required (continued)

19. Where preliminary treatment of industrial waste is required to make it comply with the standards set out in this by-law, such facilities and equipment as are required shall be provided at the applicant's expense and shall be maintained continuously in satisfactory and effective operation by the applicant at the applicant's expense.
20. All measurements, tests and analyses of the characteristics of industrial waste, sewage or water to which reference is made in this by-law shall be determined in accordance with Standard Methods, and shall be determined from suitable samples taken within the industrial premises.

Sewage Connection Permit

21. An owner or occupier of a parcel on which a building is located may obtain a "Sewage Connection Permit", attached as Schedule 'C', authorizing the connection of that building to the public sewer by:
 - a) submitting to the Regional District a completed Sewage Connection Permit,
 - b) paying to the Regional District an application fee of \$100.00, and
 - c) providing a Plot Plan.

Power and Authority of Inspectors

22. The Inspector and other duly authorized employees of the Regional District bearing proper credentials and identification, shall be permitted to enter upon all properties for the purpose of inspection, observation, measurement, sampling and testing in accordance with the provisions of this by-law. If such inspection discloses any failure, omission, neglect, or discloses any defect in the location, construction, design or maintenance of any of the sewer system, the person making such inspection shall in writing notify the owner, proprietor or occupier to rectify, at such person's expense, the failure, omission, neglect or defect.

Penalties

23. Every person who commits an offence contrary to the provisions of this by-law is liable on summary conviction to the maximum penalty pursuant to the Offence Act in addition to the costs of prosecution.

Schedules

24. Schedules 'A' through 'C' inclusive are attached to and form part of this By-law.

Peace River Regional District
By-law No. 1639, 2006

General

25. If any section, subsection, sentence, clause or phrase in this by-law is for any reason held to be invalid by a decision of any court of competent jurisdiction, the decision shall not affect the validity of the remaining portions of the by-law.

READ A FIRST TIME this 23rd day of NOVEMBER, 2006.

READ A SECOND TIME this 23rd day of NOVEMBER, 2006.

READ A THIRD TIME this 23rd day of NOVEMBER, 2006.

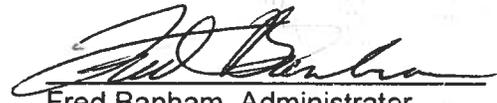
ADOPTED this 23rd day of NOVEMBER, 2006.

CERTIFIED a true and correct copy of
"Rolla Subdivision Sewage Regulation
By-law No. 1639, 2006."


Fred Banham, Administrator

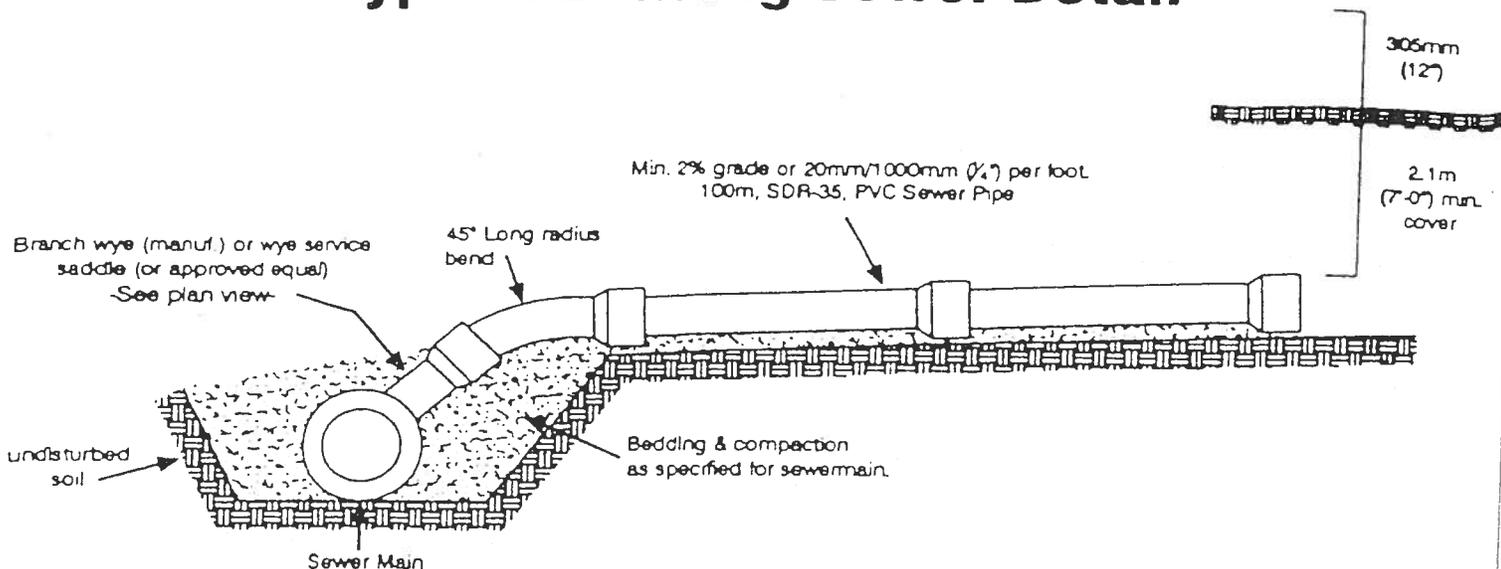
THE CORPORATE SEAL of the
Peace River Regional District was
hereto affixed in the presence of:


Karen Goodings, Chair

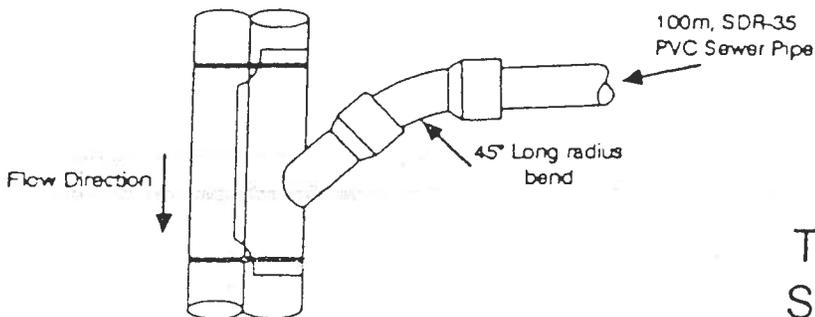

Fred Banham, Administrator

SCHEDULE 'B'

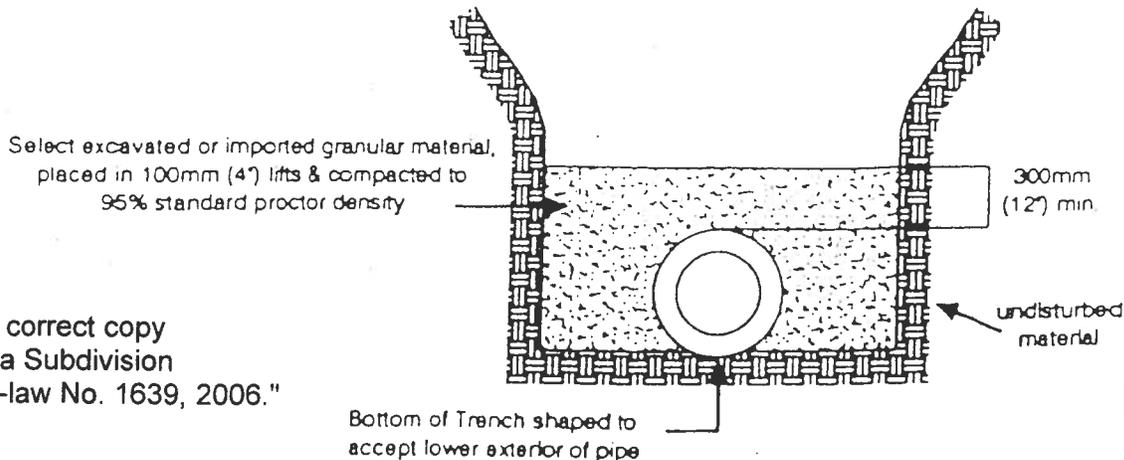
Typical Building Sewer Detail



-Plan View-



Typical Off Roadway Service Trench Detail



CERTIFIED a true and correct copy
of Schedule 'B' to "Rolla Subdivision
Sewage Regulation By-law No. 1639, 2006."


Fred Banham, Administrator

Not to Scale

Peace River Regional District
By-law No. 1639, 2006

SCHEDULE 'C'

APPLICATION FOR A SEWAGE CONNECTION PERMIT

Permit No. A-_____

Name of Applicant:	
Applicant's status:	(Contractor, architect, etc.)
Applicant's address and telephone number:	
Name of Owner:	
Owner's address and telephone number:	
Address or location of Property:	
Legal Description of Property:	
Intended use of building to be serviced on property:	
Zoning of Property:	

The Owner hereby applies to the Peace River Regional District (the "Regional District") for permission to excavate for, install, cover over, use, repair and maintain a "building sewer" and connect the said "building sewer" to the Regional District public "sewage works."

Prior to the issuance of a Sewage Connection Permit, the owner must pay to the Regional District an **application fee of \$100.00** and provide a plot plan indicating the location of all present and proposed buildings, property lines and dimensions to show the specific location of the building sewer. In consideration of the issuance of a Sewage Connection Permit to the Owner, the Owner agrees that the terms and conditions set out in the applicable regulatory by-law form part of this Sewage Connection and the Owner agrees to comply fully with, and be bound by, those terms and conditions.

THE OWNER HAS READ AND UNDERSTOOD THE TERMS AND CONDITIONS AND AGREES THAT THEY WILL BE OBSERVED BY THE OWNER, HIS EMPLOYEES, SERVANTS, AGENTS, LICENSEES AND INVITEES.

**SCHEDULE 'C'
SEWAGE CONNECTION PERMIT**

Permit No. A-_____

- continued -

Prior to backfilling, an owner shall give at least two (2) working days notice to the Inspector in order to conduct an inspection that the building sewer complies with specifications as described in the applicable regulatory by-law.

The Applicant warrants and represents that he has the power, authority and capacity to enter into this agreement on behalf of the Owner and to bind the Owner with his signature.

Signature of Owner

Signature and Title
Signed on behalf of the Regional District

Date

Date

Regional District use only

Sewage Connection Fee received: \$ _____

Plot Plan received: _____

CERTIFIED a true and correct copy of
Schedule 'C' to "Rolla Subdivision
Sewage Regulation By-law No. 1639,
2006."


Fred Banham, Administrator