



# NOTICE TO BUILDERS

Permits Licence and Inspection Services

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Municipal Water Services

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Est. 1873

20338 65 Ave., Langley B.C. V2Y 3J1

Phone 604-533-6018

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The Township of Langley Building Department is responsible for approving the tie-in of private water distribution systems to the Municipal Water System and forwarding the request to have all parts of a water system on private property turned on.

As required under Bylaw #4697 Section 3 "Working on the Municipal Water System":

**No person other than an employee of the Municipality is permitted to;**

- (a) tamper or interfere with the Municipal Water System,
- (b) connect to or operate any pipe, valve, Meter, hydrant or other part of the Municipal Water System,
- (c) undertake works of any type, sort or manner, on or involving the Municipal Water System,
- (d) connect any Private Service to the Municipal Water System,**
- (e) undertake water Turn-on or Shut off, work on, addition to deletion from or alterations of any kind to the portion of any Municipal Water System, including any Service to private property, within a Municipal Highway, right of way or other Municipal jurisdiction, without making application and obtaining permission in writing from the Engineer.

The tie-in to the Municipal Water Service for commercial, industrial, institutional, multi-family and all other development sites which require water meters will not be made until scheduled by the Municipal Water Works Department.

Before authorization is forwarded to the Eng. Dept., the attached Form 1 must be completed, signed and sealed by the Professional Engineer supervising the on-site work and submitted to the Permit, Licence & Inspection Services Department certifying that:

1. The system has been substantially completed and pressure tested.
2. A testable backflow device has been installed inside the building or other location approved by the ToL to provide premise isolation to the water service.
3. The on-site water system has been disinfected and flushed in accordance with the current issue of AWWA Standard C651.
4. A sample of the water taken from the system after disinfection and flushing has been tested by a recognized testing laboratory and is free of coliform bacteria contamination.

The above certification along with all related documentation must be received and approved by the Building Department before permission will be given to the Eng. Dept. for the tie-in of the on-site water system to the Municipal service connection.

Once all required documentation has been received and approved, the Building Department will notify the Eng. Dept. to have the connection of the water service by the Water Works Dept. completed and activated, as scheduled. The applicant may be required to attend to the Eng. Dept. for further information prior to this.

**FORM 1**

**CERTIFICATION OF FIELD REVIEW AND APPROVAL**

Township of Langley  
20338 – 65<sup>th</sup> Ave.,  
Langley, B.C.  
V2Y 3J1

Date: \_\_\_\_\_

**ATTENTION: CHIEF INSPECTOR**

Dear Sir:

**RE: APPROVAL OF ON-SITE WATER SYSTEM FOR PROJECT LOCATED AT:**

\_\_\_\_\_  
Address of Project (print)

I hereby certify that I have supervised the installation of the on-site water system at the above noted property and is substantially complete in conformance with the plans approved by the Township of Langley for the Building Permit and the requirements of the B.C. Plumbing Code.

A testable backflow device has been installed inside the building or other location approved by the ToL to provide premise isolation to the water service.

The system has been pressure tested in compliance with the provisions of the B.C. Plumbing Code.

All piping, valves and associated fittings have been installed to good construction practice and the system has been disinfected and flushed in accordance with the requirements of the AWWA Standard C651. A copy of the laboratory test results conducted on a sample of water taken from the system not sooner than 16 hours after flushing which shows no coliform being present is attached.

Permission is requested to make connection to the Municipal water service connection.

Yours truly,

(Signed, Sealed and Dated by P. Eng.)

To make arrangements to activate the water service, the Municipal Water Works Department should contact:

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_



THE CORPORATION  
OF THE TOWNSHIP  
OF LANGLEY

## NOTICE TO BUILDERS ON SITE SANITARY AND STORM SEWER SERVICE CONNECTION APPROVAL

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The Property Owner is responsible for ensuring on-site sanitary and stormwater systems comply with the B.C. Plumbing Code.

The concern generally relates to property where more than one building is constructed (such as townhouses) or where a building is constructed with more than one tenancy (such as multi tenant warehouses or other commercial buildings); and includes not only cross-connection of sewer lines, but also pulled piping joints and gaskets, cracked fittings and piping, and debris in piping.

In order to prevent problems regarding the cross-connection and deficient workmanship in installations of sanitary and storm sewer lines, the following procedure is required:

**Before the Building Inspector accepts the on-site services installation, the Engineer engaged in the design and field review of the work, in addition to the Schedules as specified by the B.C. Building Code, must certify on-site services by provision of a completed “FORM 2” (sample attached):**

1. All plumbing materials & fixtures, piping arrangement & sizing, bedding & backfill comply with the B.C. Plumbing Code.
2. After backfilling, all sections of the sanitary and storm drainage systems were tested and met standards set out in Section 7.4 of the B.C. Plumbing Code.
3. The system is free of cross-connections.

When the certifications have been provided to the Building Inspector the systems may be accepted. If you have any questions about these requirements please contact me at 533-6145.

Roberto Cesaretti  
Manager of Permit, Licence & Inspection Services Department

**FORM 2**

**CERTIFICATION OF FIELD REVIEW AND APPROVAL**

Township of Langley  
20338 – 65<sup>th</sup> Ave.,  
Langley, B.C.  
V2Y 3J1

Date: \_\_\_\_\_

**ATTENTION: BUILDING INSPECTOR**

Dear Sir:

**RE: APPROVAL OF ON-SITE SERVICES FOR PROJECT LOCATED AT:**

\_\_\_\_\_  
Address of Project (print)

I hereby certify the following regarding the installation of on-site services for this project:

1. All plumbing materials & fixtures, piping arrangement & sizing, bedding & backfill comply with the B.C. Plumbing Code.
2. After backfilling, pressure testing of sanitary and storm drainage systems was performed and met standards set out in Section 7.4 of the B.C. Plumbing Code.
3. The system is free of cross-connections.

Yours Truly

(Signed, Sealed, and Dated by P.Eng.)



THE CORPORATION  
OF THE TOWNSHIP  
OF LANGLEY

## NOTICE TO BUILDERS

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### **WASH FROM EXPOSED AGGREGATE DRIVEWAYS AND DIRT AND DEBRIS FROM CONSTRUCTION SITES ENTERING MUNICIPAL CATCH BASINS**

#### **EFFECTIVE IMMEDIATELY**

In order to protect the Municipal drainage system from significant damage, effective immediately the practice of washing cement material from exposed aggregate driveways directly into Municipal catch basins is prohibited.

Where exposed aggregate driveways are installed measures must be taken by the builder to prevent cement laden wash material from entering the Municipal catch basins. A suggested detail for retaining this material and protecting the catch basins is shown on the reverse side of this notice.

There have been a number of cases where catch basins have not been cleaned out and cement material from exposed aggregate driveways has hardened inside the basins. This has caused the Municipal Storm System to malfunction and has resulted in costly repairs.

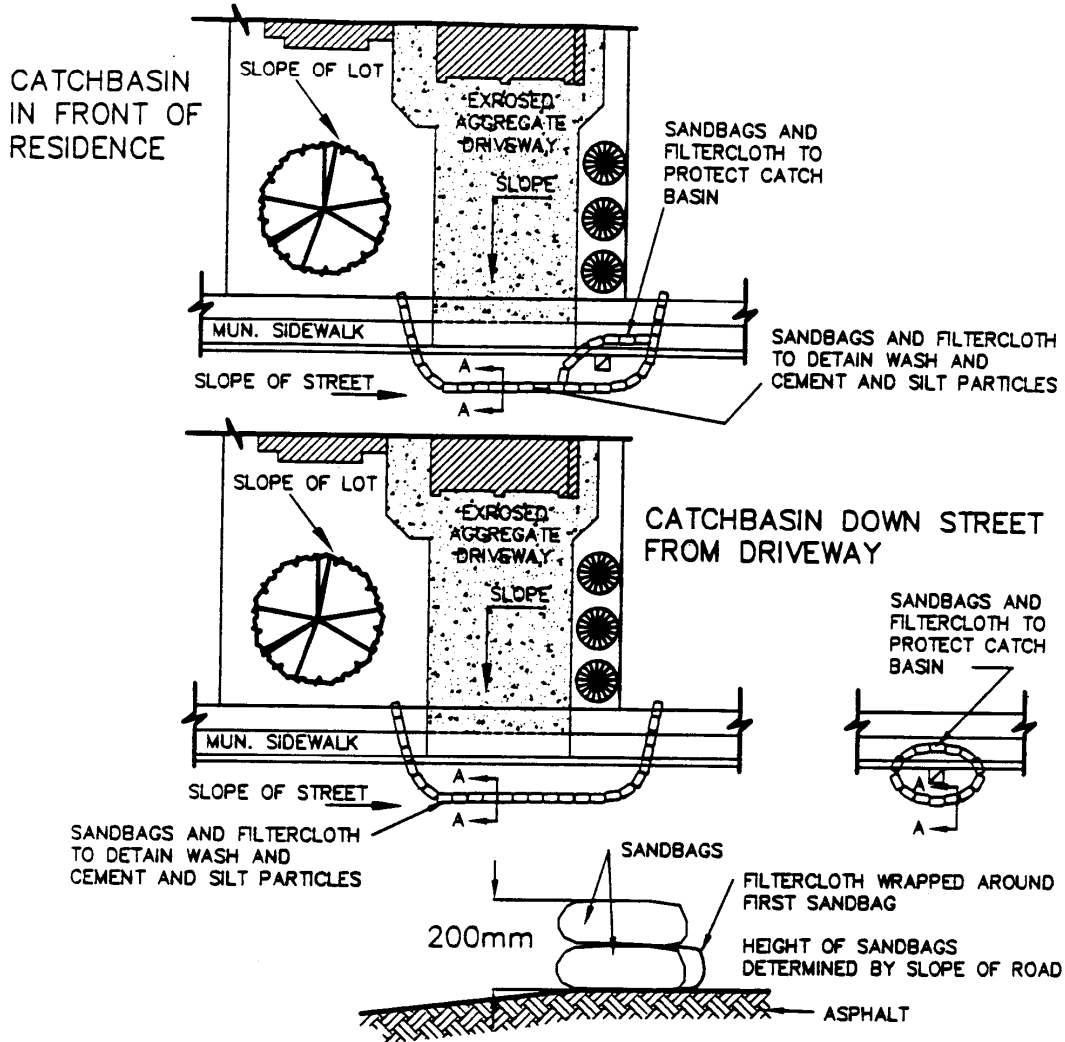
In several areas of the Municipality catch basins have been installed with out falls into exfiltration or other subsurface drainage systems. Cement material entering these particular catch basins could potentially destroy the entire system.

Builders are responsible to ensure that any silt or debris caused from construction activity does not enter the Municipal catch basins. If any material does inadvertently enter the basins, the Builder is responsible to ensure that it is cleaned out immediately.

The Building Inspectors have been instructed to inspect roads, sidewalks and catch basins during construction and at the time of the Final Inspection to ensure they are kept clean. Failure to keep the streets, sidewalks and catch basins clean during the construction process may result in the Municipality arranging to have them cleaned with the costs being billed to the Builder or Builders deemed to be responsible for creating the problem.

Your cooperation in ensuring adequate measures are taken to protect the Municipal Infrastructure from damage and in keeping the roads, sidewalks and catch basins clean during the construction process is appreciated.

**SUGGESTED DETENTION DETAIL TO PREVENT CEMENT LADEN WASH FROM EXPOSED AGGREGATE DRIVEWAYS AND SIDEWALKS ENTERING MUNICIPAL CATCH BASINS**



**CROSS-SECTION A-A SANDBAG AND FILTER CLOTH DETENTION DETAIL**

- NOTE: 1.) ALL CEMENT MATERIAL TO BE CLEANED FROM SIDEWALK, CURB AND STREET.  
2.) ENSURE ANY MATERIAL ENTERING THE CATCHBASIN IS CLEANED OUT IMMEDIATELY, AND THAT NO SEDIMENT ENTERS THE STORM DRAINS.

**DETENTION DETAIL TO PREVENT CEMENT LADEN WASH FROM EXPOSED AGG.**



DATE : SEPT 12/94

DWG. No.: 9409E002