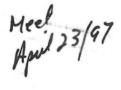
# BC Gas Utility Ltd.

110 Slater Road NW Cranbrook, BC V1C 5C8 Telephone:

(250) 489-6029

Facsimile:

(250) 489-6020



CENTRAL KOOTENAY DISTRICT NELSON RECEIVED

APR 0 1 1997

MINISTRY OF TRANSPORTATION AND HIGHWAYS



March 25, 1997

Peter Muirhead Ministry of Transportation & Highways Comp. #1, Lakeside Drive Group Box Nelson, BC V1L 6B9

Dear Mr. Muirhead:

The Regional District of Central Kootenay has asked BC Gas to provide pricing information to install natural gas mains at Kitchener, B.C.

In order for me to provide accurate pricing I need to determine a running line offset that meets the approval of Ministry of Transportation and Highways.

Enclosed is a map of the preliminary pipeline design.

I would like to meet onsite with you or a MOTH representative to discuss the running line of the proposed pipeline.

Please phone me at the above number to discuss and arrange a convenient time for an onsite review of the proposal.

Yours truly,

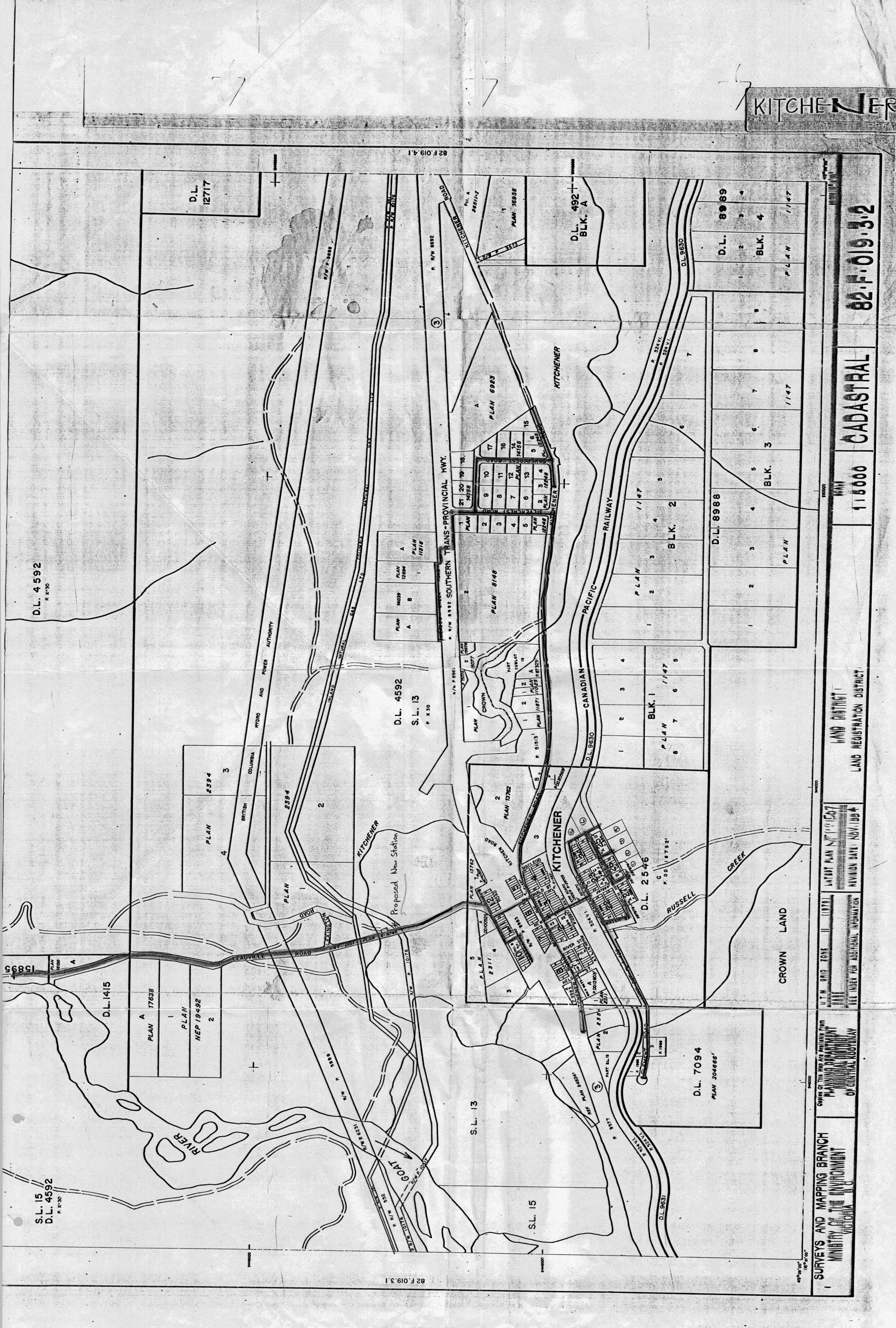
BC GAS UTILITY LTD.

Wike Walls

Mike Walls **Technologist** 

MJW:eab

Permit not once d Jermit not once d DL 25'16



PAGE: 1

### DEVELOPMENT APPROVALS SYSTEM SUMMARY SHEET

LOG/FILE#: 15314

CATEGORY: PERPIP PIPELINES

TECH:

PKM Peter Muirhead

ORG/IND: KIID Kitchener Improvement District

BR/BUS.: UTI

UTILITY

JURIS: UA

UNORGANIZED AREA

THEIR FILE:

BYLAW#:

PROJECT NAME:

LOCATION: at the east end of Kitchener

LANDMARK KM INVENTORY

ROAD NAME

ROAD NO

SEG

START

FINISH

Birch Avenue

2177

MacLeod Street

2176

LEGAL DESC:

1. District Lot 2546, K.D.

LOT LOT SBLT

PLN DIST GR LGL

NO PCL PLAN FROM TO

BLK LOT NO NO BLOCK R Q SEC TP LD PID

SUB RESERVE

2546

K.D.

REFERENCE MAP:

SURVEYOR NAME:

ASSOCIATED REFERENCE LOG/FILE(S):

NO CROSS REFERENCE LOGFILE NUMBERS WERE FOUND FOR LOG/FILE NO. : 15314

ACTION

NOTES/INSTRUCTIONS/COMMENTS

TO FROM

LETTER TYPE

REFERRAL AGENCY

DATE SENT

RESP?



Ministry of Transportation and Highways

Cemeral Kootenay
Comp. #1
Lakeside Drive Group Box

NELSON, B. C. V1L-6B9 Phone: (604) 354-6521 Fax: (604) 354-6547

Your file: 03-010-15314

October 25, 1996

Kitchener Improvement District Box 12 Kitchener, BC VOB 1WO

Attention: Doug Herrick

Dear Mr. Herrick :

RE: Permit number 03-010-10B/15314, Birch Avenue 2177, MacLeod Street 2176

Attached is your copy of the above captioned permit.

Please read the permit carefully to ensure all applicable clauses are understood, kindly sign and return the copy of the permit to this office.

All work is to be completed to the satisfaction of the District Official, Ministry of Transportation and Highways.

Please quote file number 03-010-15314 when contacting this office.

Yours truly,

Peter Muirhead

District Development Tech.

PKM/imw

CC: Bill Ogden, Area Manager, Roads, Creston South-East



Ministry of and Highways

Permit No. 10-B\15314 British Columbia Transportation File No. 03-010-15314 Letter No. B District: Central Kootenay

## PERMISSION TO CONSTRUCT WORKS WITHIN CROWN LAND

The works comprising

of a 150mm diametre waterline under Birch Avenue #2177 and MacLeod Street #2176, to serve the parcel legally described as District Lot 2546, K.D. The waterline shall be located in accordance with the conditions of this permit and the application and drawing submitted for approval October 15, 1996. All works shall be to Ministry specifications and to the satisfaction of the District Highways Manager, Nelson.

### (SEE REVERSE FOR ADDITIONAL CONDITIONS)

are hereby approved in so

far as they relate to the use of Crown lands, interference with public works, or other matter under the jurisdiction of the Minister of Transportation and Highways, and permission to construct, use, and maintain the said work is hereby granted to

### Kitchener Improvement District, Box 12, Kitchener, BC V0B 1W0

The said approval and permission to construct, use, and maintain works is, however, at all times subject to the following conditions:

- 1. That the construction and maintenance of the said works is carried out to the satisfaction of the Regional Director, Highways.
- That, before opening up any highway or interfering with any public work, intimation in writing of the intention to do so must be given to the District Official at least seven clear days before the work is begun.
- That any person appointed by the Regional Director, Highways, for the purpose shall have free access to all parts of the works for the purpose of inspecting the same.
- That the construction of the said works shall be commenced before 25th day of November 1996, and shall be prosecuted with due diligence and to the satisfaction of the Regional Director, Highways, and shall be completed on or before the 25th day of February, 1997.
- (a) The highway must at all times be kept open to traffic. The roadway must be completely restored for traffic as soon as possible. At all times the permittee must safeguard the travelling public.
- (b) That, unless with the consent of the Regional Director, Highways, no more than one hundred (100) metres of pipe-track or other excavation in any public highway is to be kept open at any one time.
- (c) All trenches and excavations shall be shored, if necessary, according to the Workers' Compensation requirements. Care shall be taken to protect adjacent property.
- (d) That all excavations shall be carefully back-filled with suitable material, which is to be tamped into place, and that the permittee shall restore the surface of the road and shoulders and ditches at his own expense. All surplus material is to be removed from the Provincial Crown lands, or deposited where and as required by the District Official of the Ministry of Transportation and Highways. The permittee is financially responsible for any maintenance work required on said ditch for a period of two years. The Ministry may carry out the necessary remedial work and invoice the permittee monthly.
- (e) The pipeline crossing installation is to be placed by drilling and (or) jacking in such a manner as to afford minimum grade settlement. No water jetting will be permitted. That where, in the opinion of the District Official, an excavation or opening for a pipeline crossing installation could be made which would not be detrimental to the highway or its users, permission will be granted for said works. On throughways, freeways, and main highways no open cuts will be allowed.
- (f) That all pipelines in excess of a nominal diameter of 5 cm., whether gas, oil, water, pressure sewers, conduits, etc., shall be installed where indicated by the District Official, encased in a steel casing-pipe or conduit-pipe of sufficient strength to withstand all stresses and strains resulting from the location, such casing to extend the full width of the highway right-of-way if deemed necessary to the District Official. The ends of the casing-pipe shall be suitably sealed and, if required, properly vented above the ground with vent-pipes not less than 5 cm. in diameter, and extending not less than 1.2 metres above ground surface. Vent-pipes shall be connected 30 cm. from the ends of the casing-pipe, and the top of each vent shall be fitted with a turn-down elbow, properly screened and equipped with identification markers.

All pipelines of non-rigid material, i.e., plastic or copper, of any diameter, shall be cased, or embedded in sand.

The inside diameter of the casing-pipe shall be at least 25 per cent larger than the outside diameter of the pipeline. The casing-pipe shall be installed with an even bearing throughout its length, and in such a manner so as to prevent leakage, except through the vents.

The top of the casing-pipe, or the pipeline where casing is not required, shall be located as directed by the District Official, and shall in no case be less than 1.2 metres below the surface of the highway and not less than 1 metre below the highway ditches. Pipelines must not obstruct drainage structures or ditches or interfere with traffic on the highway or with highway maintenance.

- 6. That where the work for which permission is hereby granted comes in contact with any bridge, culvert, ditch, or other existing work, such work must be properly maintained and supported in such a manner as not to interfere with its proper function during the construction of the new work, and on completion of the new work the bridge, culvert, ditch, or other existing work interfered with shall be completely restored to its original good condition. Separate permits shall be issued for pipeline on bridges.
- 7. That when necessary all excavations, materials, or other obstructions are to be efficiently fenced, lit, and watched, and at all times every possible precaution is to be taken to ensure the safety of the public.

Page 5 of (64/TFRA-2016-64798

- 8. That the person or persons for hom these works are being constructed, or by nom these works are maintained, shall at all times accept full responsibility for any accident that may occur or damage that may be done to any person or property whatsoever caused directly or indirectly by these works, and shall save harmless and keep indemnified the Crown from all claims and demands whatsoever in respect of the works.
- 9. That the permission herein granted to use and maintain the works is only granted for such times as the land or public work in, upon, or over which the said works are constructed is under the jurisdiction of the Minister of Transportation and Highways. This permission is not to be construed as being granted for all time, and shall not be deemed to vest in the permittee any right, title, or interest whatsoever in or to the lands upon which the works are constructed. Should the lands affected at any time be included within that of an incorporated municipality or city, this permission shall become void, unless the works are on a highway duly classified as an arterial or primary highway pursuant to Part III of the Highway Act.
- 10. That after receiving notice in writing of the intention on the part of the Provincial Government to construct, extend, alter, or improve any public work, the person or persons responsible for the maintenance of the works for which permission is hereby granted shall within six weeks move or alter such work at his or their own expense to such new positions or in such manner as may be necessitated by the construction, extension, alteration, or improvement proposed to be carried out by the Provincial Government.
- 11. That while reasonable care will be taken on the part of the Provincial Government to do as little damage as possible to any private work in the carrying-out of the construction, extension, alterations, improvement, repair, or maintenance of any public work adjacent thereto, the Provincial Government can accept no responsibility of any kind for such damage.
- 12. That the permission hereby granted to construct, use, and maintain work is granted without prejudice to the provisions of the Highway Act and Ministry of Highways and Public Works Act, or other Acts governing Crown lands and public works or their use by the public.
- 13. That this permission shall be in force only during such time as the said works are operated and maintained by the applicants, to the entire satisfaction of the Regional Director, Highways.
  - 14. That the Ministry will not be responsible for grade changes on accesses caused by reconstruction of any Provincial highway.
- 15. This permit is valid only for the specific works stated herein. Any alterations or additions must be covered by a separate permit.
- 16. This permit may be cancelled, at the discretion of the Minister, without recourse, should the permittee fail to comply with all the terms of the permit. Thirty days' notice will be given before cancellation.
- 17. When the requirements of the Ministry necessitate use of the said lands for Provincial purposes, at the discretion of the Minister, this permit may be cancelled.
- 18. That these works shall be identified with this permit number, namely, "H.," in a manner satisfactory to the District Official of the Ministry of Transportation and Highways.
- 19. This permit is not valid until one copy is signed by the permittee and returned to the District Highways Manager, Compartment #1, Lakeside Drive Group Box, Nelson, BC V1L 6B9.
- 20. The top of the pipeline greater than 75mm or casing in road shoulders must be 1.2 metres below the top of the pavement. Pipeline lines less than 0.75mm or their casings may be .9 metres. Permittee may apply to the District Highways Manager to vary this depth subject to the following:
  - a) If the standard depth of bury is not being adhered to, the pipeline design must be approved, signed, and sealed by a Professional Engineer, registered in BC, who is experienced in pipeline design and certifies that the design accounts for conditions in the proposed location, including vehicle live loads.
- 21. Prior to commencement of construction, permittee shall submit for the approval of the District Highways Manager a schedule of hours and days of operation. The Ministry will limit hours of work on utility installation, maintenance and repair as required to maintain an acceptable standard of highway safety and traffic flow.
- 22. Except in case of emergency, the permittee shall be given written notice to perform remedial works. The Ministry may carry out the necessary remedial work and invoice the permittee.
- 23. Permittee shall identify all areas of soil instability and narrow roadway shoulders. Alternate pipeline location shall be proposed by the permittee and approved in writing by the Ministry representative.
  - 24. Pipelines must be at a horizontal offset from culverts and sign or signal structures by at least .5 metres.
- 25. Pipeline locations shall be approved in the field in advance by the Ministry and the utility representative. Permittee shall be responsible for locating and for any damage to other works within highway right-of-way.
  - The permittee shall provide an inspector on-site at all times during installation.
- 27. The Ministry may provide an on-site inspector who shall have final authority for all required field decisions. Permittee shall be required to bear the costs for this inspector.
  - 28. That the permittee may not assign any part of this Agreement without the consent, in writing, of the Minister.

- 29. That if the permittee violates any of the conditions of this Permit, the permittee shall remedy the violation as expeditiously a possible in accordance with any direction which the Minister may give. In the event of a default, the Minister shall give notice to the permittee requiring that the default be rectified within a period reasonable, having regard to all the circumstances. Failing rectification within the period of notice, the Minister may, but shall not be obligated, to remedy the default and the reasonable cos and expenses thereof shall be recoverable against the permittee.
- 30. Ministry standards apply: all utilities and their contractors must follow standards and procedures set out in the Traffic Control Manual for Work on Roadways.
  - a) The highway shall remain open to vehicular traffic at all times.
  - b) Once disturbed, a roadway will be restored for vehicular traffic movement without delay.

c) Traffic delays shall not exceed ten (10) minutes.

- d) All traffic control costs shall be borne by the permittee.
- 31. The permittee is responsible for all costs of maintenance or remedial work required as a result of these works for a period of two (2) years.
- 32. Three (3) attempts shall be made to push or bore under paved surfaces. If the crossing cannot be pushed or bored, a Ministry representative must be contacted.
  - a) Pits should be located and designed in such a way that ditches continue to function and do not drain or overflow into the pit.

c) Jacking and boring pits must be offset from the highway structure by sufficient distance so that they do not cause instability and interfere with drainage facilities. Pits must be offset from the outside edge of the shoulder by a distance which is at least equivalent to the vertical distance from the pavement to the bottom of the pit.

d) Pits which are located within the Clear Zone as defined in Section 5.3 must be shielded with a flared concrete roadside barrier in accordance with the Highway Design Manual.

- 33. Heavy walled pipe will be allowed for highway crossings where soil conditions permit, the depth of bury is sufficient, and the design for the installation has been approved by a professional engineer who is experienced in pipeline design and is registered in BC at the time a permit is submitted to the Ministry. The Ministry may require pressure grouting to fill overbreaks and unused
- 34. The following requirements apply to all trenches which cross a highway, as well as to all trenches which are parallel to the centreline within a highway right-of-way where any part of the trench is in the gravel shoulder or within 3.6 metres of the edge of
  - a) Where sloughing of trench sides has undermined the pavement, the pavement must be marked with a painted line showing the extent of the damaged area. Pavement must be removed from this area and the voids filled and compacted in accordance with backfill requirements.

b) Trenches must be backfilled with granular material in accordance with the following minimum requirements:

1. Sub-base material must consist of granular borrow which meets Ministry standards as set out in Section 202.6, Standard Specifications for Highway Construction.

2. Base gravel must be a minimum compacted thickness of 150mm and consist of "50mm minus" crushed gravel which meets Ministry standards as set out in Section 202.04, Standard Specifications for Highway Construction. Pavement millings may be added to this lift.

3. Surface gravel must be a minimum compacted thickness of 150mm and consist of "25mm minus" crushed

gravel which meets Ministry standards as set out in Section 202.04, Standard Specifications for Highway Construction.

c) Backfill must be placed in layers of approximately 250mm thickness and compacted with approved tamping equipment to a minimum of 95 percent. Proctor density to within 300mm of the surface and 100 percent for the final 300mm.

d) The District Highways Manager may require verification of backfill densities.

e) Shoring must be lifted as backfill is placed.

f) Backfill material must be free of frozen lumps.

- g) Disturbed or settled pavement caused by the permittee shall be restored with hot mix asphaltic concrete in an approved manner and maintained in a satisfactory condition for a period of two (2) years in accordance with Clause 31.
- 35. All ditches must be restored to their previous condition and to the satisfaction of the District Highways Manager.
- 36. As soon as any portion of the highway can be re-opened to traffic, a temporary asphalt patch must be applied. Where the District Highways Manager has agreed that temporary asphalt patch is not required, the backfill must be brought up to grade with a final layer of "25mm minus" crushed gravel which meets Ministry standards as set out in Section 202.4, Standard Specifications for Highway Construction. The surface is to be kept well graded and compacted at all times and permanent patch installed as soon as
- 37. Shoulders must be restored to a well compacted, stable and free draining surface maintaining the existing crossfall. Shoulders must be compacted using industry standard equipment. If there is not sufficient moisture present in the material, the surface will be watered before compaction. Material must meet the following standards:

1. Base course aggregate: 25mm well-graded material (Standard Specifications for Highway Construction)

2. Surfacing: 25mm high fines surfacing (Section 202.05, Standard Specifications for Highway Construction)

3. Asphalt surfacing: as specified below for permanent patching

- 4. All granular or other material must be removed from paved surfaces after shoulder restoration has been completed.
- 38. Pipe bedding must conform to industry standards.

- ust be approved by the District Highways Mr ager. Blasting plans shall consider ak velocity and particle displacement calculated at the locations of other existing adjace pipelines or other road and utility uctures.
- 40. Pavement edges must be cut, made true and straight, cleaned, and primed before installing a final patch. The District ghways Manager may specify that a concrete saw is to be used to prepare pavement edges.
- a) Asphalt concrete or Portland cement pavement must be restored to the same thickness as the existing surface or to a minimum of 50mm thickness, whichever is greater. Asphaltic concrete is to be a type "B" medium mix or fine mix, as specified by the District Highways Manager, and must meet Ministry standards as set out in Section 223, Standard
- b) Asphalt concrete is to be laid in two or more lifts or layers. Each lift is to be thoroughly compacted before successive
- c) Paving must be done by machine, no hand patching allowed. The utility will ensure that the permanent pavement patch is to Ministry standards for two (2) years from the date that the patch is installed.
- 41. Pavement must be cut by hand or approved mechanical means (saw cut) in straight lines parallel to the trench centreline. Distance from a pavement cut to the edge of the trench must be at least 150mm or sufficient to ensure that the pavement will not be undermined by sloughing. Trench shoring must conform to WCB standards and is to be used where soil conditions warrant. Extreme care must be taken to avoid sloughing of the trench sides to minimize damage to the subgrade beyond the limits of excavation. Machines with steel tracks or flat steel pads are not permitted on any portion of the paved surface at any time. When heavy rubber-tired equipment is turning on the paved surface, care must be taken to prevent scarring. During the removal or replacement of any existing curb, gutter, or sidewalk, the edges of the work area are to be saw cut in order to provide a clean and even joint.
- 42. Cross street intersections and paved driveways must be bored. Affected property owners must be notified at least 48 hours in advance. The District Highways Manager may specify that a temporary traffic plan be developed and approved by the Ministry where work will significantly disrupt traffic flow to residential or commercial property, or the movement of emergency vehicles.
- 43. Hydroseeding will be required as directed by the District Official to restore vegetation for the control of erosion, and to maintain the aesthetics of the highway right-of-way.
- 44 The permittee shall be responsible for replacing any survey monuments that may be disturbed or destroyed by construction of the works allowed by this permit. Replacement must be by a British Columbia Land Surveyor at the permittee's expense.
  - 45. Permittee shall control airborne dust to minimize hazard to the motoring public.
  - 46. Pipeline crossings shall be at ninety (90) degrees.
  - Guardrail to be replaced the same day.
- 48. Permittee shall supply "AS BUILT" drawings upon the completion of the said works. Drawings must include offset and depth of pipe.
  - Kitchener Improvement District shall identify a contact person for this project.
  - 50. The Ministry contact person is Peter Muirhead, District Development Technician, Phone: 354-6516.

Agreed to by the permittee Kitchener Improvement District	P.K. Muirhead
Per	
	District Development Technician
Per	
	Date: October 25, 1996
Date	



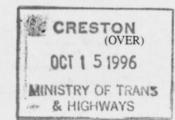
Ministry of Transportation and Highways

# Application for Permission to Construct Works Within Highway Right-of-Way

I (We) hereby apply for permission to construct, use, and maintain works within the limits of highway right-of-way under the jurisdiction of the Minister of Transportation and Highways, British Columbia, in accordance with the particulars, plans,\* and specifications submitted herewith in triplicate. It is understood that the completion of this form constitutes an application only and that the works applied for will not be commenced until a covering permit has been issued. The proposed works consist of and are described as follows:

Description of works: TO TRENCH 6'FERT DREP TO
FACILITATE WATER MAIN INSTALBATION.
& CROSS STREET TO BLEY TO WOP
WATER LINES WITH.
Location of works: KITCHENER BC.
FROM ALLEY @ BIRCH/ CLEMENTS TO.
BIRCH AUE. CRO ON MACKEDD ST.
BAST END OF KITCHENER & - PLSO 125' W.
ON S. SIDE OF BIRCH.
Legal description of property to be served: KITCHENER IMPROUMENT
Drawing or shooth surplus
Drawing or sketch number:
Have the necessary plans for approval been filed with the proper authorities? (See Note 2 on back) MINOF HEALTH -
Name of applicant (print please) 22/4/5 XCH & F XARA TH.
P.O. address KITCHENER IMPROVMENT DIST BOX 12 KITCHENER BC. VOB-1WO
(Signed) Citcher M Demletar
(Date) Oct 15/96.

\*See note No. 1 on back.



#### NOTE No. 1

The plans submitted may be blue-prints, and shall consist of key-map, general plan, profile, and where necessary detail plans on the following scales: **Key-map**, according to size of undertaking; **general plan**, 1:5000; **profile**, horizontal 1:5000, vertical 1.250; **details**, on suitable scales. For minor undertakings, such as small water-pipes or culverts, etc., under a road, sketches will be accepted and sections and details as to dimensions, depth of cover, etc.

The plans shall supply at least the following information:

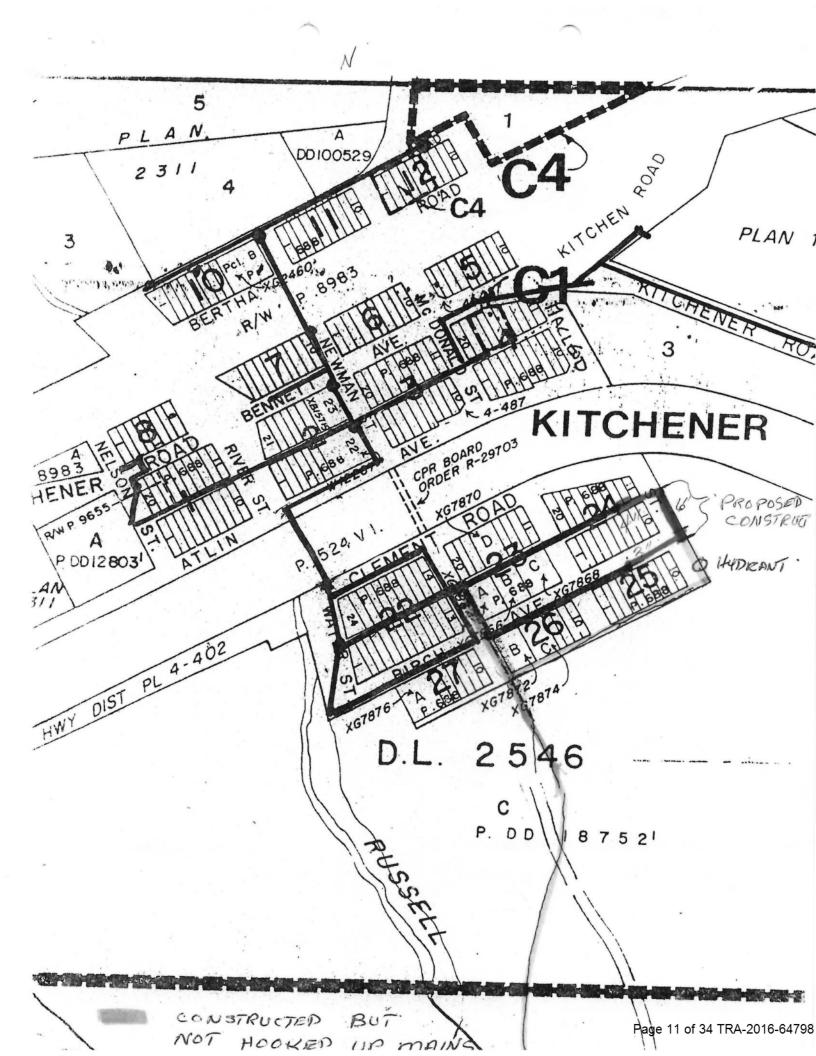
- (a) The boundaries of highway right-of-way affected:
- (b) The position of all existing public works within such boundaries and relative thereto and the name of the authority in control of same:
- (c) The position of all private works (with names of owners) within such boundaries and relative thereto. (N.B.— Where the proposed works are upon or above the ground only such private works as are upon or above the ground, or as may be interfered with under the ground, need be shown):
- (d) The proposed position within such boundaries and relative thereto which would be occupied by the works:
- (e) The details of all tanks, manholes, lamp-poles, surface boxes, bridges, culverts, retaining-walls, or other structures to be constructed and used for the support of traffic, and details showing the method to be employed in supporting any proposed work, where any public works are affected:
- (f) Full information showing exactly in what manner and to what extent it is proposed to use any land or works under the control of the Minister of Transportation and Highways.

Specifications for the carrying-out of the work within the boundaries of all highway right-of-way shall also be submitted.

### NOTE No. 2

When application is made in respect of the following works, the requisite particulars, plans, and specifications must be submitted to the proper authorities before the approval of the application by the Minister of Transportation and Highways.

	Works	Authority to Whom Particulars, etc., Must Be Submitted			
1.	Electrical undertakings—  (a) Telegraph and telephone lines  (b) Energy generated otherwise than by water-power	Inspector of Electrical Energy Inspector of Electrical Energy	501 West 12th Ave., Vancouver, B.C. V5Z 1M6		
	(c) Energy generated by water-power (d) Electrical railways	Inspector of Electrical Energy Comptroller of Water Rights Inspector of Electrical Energy Deputy Minister of Transportation and Highways	Parliament Bldgs., Victoria, B.C. 501 West 12th Ave., Vancouver, B.C. Parliament Bldgs., Victoria, B.C.		
2.	Steam-railwaysLogging-railways	Deputy Minister of Transportation and Highways	" "		
4.	Skid-roads	Deputy Minister of Transportation and Highways and also Chief Forester	,, ,,		
5.	Sewerage and sewerage-disposal  (a) Large systems  (b) Small systems	Waste Management Branch Ministry of Environment Local Health Inspector	Regional Office Parliament Buildings, Victoria, B.C.		
6. 7.	Water-supply for domestic purposes	Local Water Management Office or Comptroller of Water Rights	59 59		
8.	Works to be constructed within any municipality	Municipal Official			



PAGE: 1

# DEVELOPMENT APPROVALS SYSTEM SUMMARY SHEET

LOG/FILE#: 15585

CATEGORY: PERACC ORDINARY ACCESS

TECH:

PKM Peter Muirhead

ORG/IND: TREMP Tremlock Properties Ltd.

BR/BUS.: COMP

COMPANY

JURIS: CRE CRESTON

THEIR FILE:

BYLAW#:

PROJECT NAME:

LOCATION: at #520 MacDonald Avenue

LANDMARK KM INVENTORY

ROAD NAME

ROAD NO

START

FINISH

MacDonald Avenue

2175

LEGAL DESC:

1. Lot 3, Plan 23644, Parcel C (PDD 18752-I), D.L. 2546, K.D.

SEG

2

LOT LOT SBLT

PLN DIST GR

LGL

SUB RESERVE

FROM TO NO PCL PLAN BLK LOT NO NO BLOCK R Q SEC TP LD PID

3

C 23644

2546

K.D.

REFERENCE MAP:

SURVEYOR NAME:

ASSOCIATED REFERENCE LOG/FILE(S):

NO CROSS REFERENCE LOGFILE NUMBERS WERE FOUND FOR LOG/FILE NO. : 15585

ACTION

NOTES/INSTRUCTIONS/COMMENTS

TO\_

FROM

LETTER TYPE

REFERRAL AGENCY

DATE SENT

RESP?



Ministry of Transportation and Highways

Central Kootenay Comp. #1 Lakeside Drive Group Box

NELSON, B. C. V1L-6B9 Phone: (250) 354-6521 Fax: (250) 354-6547

Your file:

Our file: 03-010-15585

April 18, 1997

Tremlock Properties Ltd. Site 7F, Box 9 R.R. #1 Creston, BC VOB 1G0

### RE: Permit number 03-010-10B/15585, MacDonald Avenue 2175

Attached is your copy of the above captioned permit.

Please read the permit carefully to ensure all applicable clauses are understood, paying special attention to clause 17 which lists additional clauses found on the reverse of the permit.

All work is to be completed to the satisfaction of the District Official, Ministry of Transportation and Highways.

Please quote file number 03-010-15585 when contacting this office.

Yours truly,

Incuacy

Peter Muirhead

District Development Tech.

PKM/imw

Ministry of 1. Insportation and Highways

Permit No.

Highway District
File No.

10-B/15585 CentralKootenay 03-010-15585

# PERMISSION TO CONSTRUCT, USE, AND MAINTAIN ACCESS TO A PROVINCIAL HIGHWAY

The works comprising

of one (1) six (6) metre access from Macdonald Avenue #2175 to serve the parcel legally described as Lot 3, Parcel C, D.L. 2546, K.D., Plan 23644. The access shall be located in accordance with the application and drawing submitted for approval April 15, 1997. All work shall be to Ministry specifications and to the satisfaction of the District Highways Manager, Nelson, BC.

are hereby approved insofar as they relate to the use of highway right of way, interference with public works, or other matter under the jurisdiction of the Minister of Transportation and Highways, and permission to construct, use, maintain and operate the said works is hereby granted to

Tremlock Properties Ltd., Site 7F, Box 9, R.R. #1, Creston, BC V0B 1G0

The said approval and permission to construct, use and maintain the said works is, however, at all times subject to the following conditions:

- 1. That the construction and maintenance of the said works is carried out to the satisfaction of the Regional Director--Highways.
- That any person appointed by the Regional Director--Highways for that purpose shall have free access to all parts of the said works for the purpose of inspecting same.
- \* 3. That the construction of the said works shall be commenced on or before the 18th day of May, 1997 and shall be prosecuted with due diligence and completed to the satisfaction of the Regional Director--Highways on or before the 18th day of August, 1997, or this permit is void.
- 4. That the safety, economy, and convenience of the travelling public must at all times be recognized and all traffic control must be undertaken by the permittee to the satisfaction of the Regional Director--Highways.
- 5. That where the said works are in proximity of any bridge, culvert, ditch or other existing work, such work shall be properly maintained and supported in such manner as not to interfere with its proper function, and on the completion of the said works any bridge, culvert, ditch or other existing work interfered with shall be completely restored to its original condition.
- 6. That the permittee shall at all times accept full responsibility for any accident that may occur or damage that may be done to any person or property whatsoever caused directly or indirectly by the said works, and shall save harmless and keep indemnified the Crown from all claims and demands whatsoever in respect of the works. That, prior to proceeding with any excavation, the permittee will be responsible for notifying any utility company whose works may be close to or affected by the installation.
- 7. That the permission herein granted to use and maintain the said works is only granted for such time as the land on which the said work is constructed is under the jurisdiction of the Minister of Transportation and Highways.
- 8. This permission shall not be deemed to vest in the permittee any right, title, or interest whatsoever in or to the lands upon which the works are constructed.
- \* 9. This permission is contingent upon the following land use

### Single family residence/one home

Any change in land use shall render the permission void.

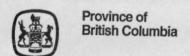
- 10. That should the proposed land use not be instituted within six months of the date of this permit or should it be instituted and subsequently discontinued for a period of 30 days, this permit shall be void.
- 11. This permission is granted only to the person or corporation named above, and any change in ownership to the property renders this permit void.
- 12. That while reasonable care will be taken on the part of the Crown to do as little damage as possible to any works authorized by this permit in the carrying-out of the construction, extension, alteration, improvement, repair, maintenance or operation of any public work adjacent thereto, the Crown and its employees accept no responsibility of any kind for such damage.
- 13. That, after receiving notice in writing of the intention of the Crown to construct, extend, alter, or improve any public works, the permittee shall within 30 days move or alter works authorized by this permit at his own expense to such new position or in such manner as may be necessitated by the construction, extension, alteration, or improvement, and that where such movement of access point or change of grade takes place there shall be no claim against the Crown for damages arising out of the changed access condition.
- 14. (a) This permit may be cancelled in the absolute discretion of the Minister of Transportation and Highways without any notice of hearing.
- (b) This permit may be cancelled by the Regional Director--Highways when alternative access becomes available as a result of the construction of a frontage road or other service road.
  - 15. Any existing access to the property not covered by a valid permit shall be removed within 90 days of the date of this permit.
- 16. That the access or accesses may be restricted as to allowable movements as traffic safety and flow conditions warrant, and at that time this permit may be cancelled and a new permit issued.
- \* 17. Clauses 22, 25, 28, 33, 34, 36, 40, 42, 43, and 44.
- as printed or typed overleaf on this permit, shall be deemed to apply and form part of these conditions.
  - 18. This permit cancels and replaces Permit No. .
  - 19. This property shall not be connected to any other property by private roadway.

	Dated at C.1,	Lakeside Dr	ive Group Box,	Nelson,	ВС	V1L 6B9	
this	18th	day of	April April	1997		Miscage	
					/	Peter Muirhead	
					V	District Development	Technician
					0	For Minister of Transpo	

- 20. The access (or accesses) shall be defined to the satisfaction of the Regional Director--Highways by the erection of standard white-painted delineator posts and ard-rail, nonmountable curb, or some other s antial barrier to traffic satisfactory to the Regional Director--Highways.
- 21. This permit includes permission to construct channelization within the highway right of way as specified by the Regional Director--Highways, and such channelization shall be constructed at the permittee's expense and maintained and operated by the Ministry of Transportation and Highways.
- \* 22. The access (or accesses) shall be gravelled to an extent satisfactory to the Regional Director--Highways to prevent the tracking of mud and soil onto the highway surface.
  - 23. The access (or accesses) shall be paved to the satisfaction of the Regional Director--Highways.
  - 24. The highway shoulder between these accesses shall be paved to the satisfaction of the Regional Director--Highways.
- \* 25. The finished grade of the access (or accesses) at the ditch-line shall be 15 cm below the highway shoulder elevation.
  - 26. The access (or accesses) shall be restricted to the following movements only

and the permittee shall construct and erect all necessary channelization, signs, and other traffic-control devices at his cost.

- 27. This permit is temporary and expires the .
- \* 28. The permittee shall be responsible for replacing any survey monuments that may be disturbed or destroyed by construction of the works allowed by this permit. Replacement must be by a British Columbia land surveyor at the permittee's expense.
- 29. The access (or accesses) will only be open to traffic between the each year, and when not open shall be closed with a suitable barrier and signs.
- 30. Before commencing construction, intimation in writing of the intention to do so must be given to the District Highways Manager at least seven days before the work is begun.
- 31. The access (or accesses) shall be used jointly with the access covered by Permit No., which serves the property legally described as
- 32. The permittee shall erect a tight board fence or thick evergreen hedge so that no part of the property is visible from the highway at any point along its frontage at an eye elevation 2.5 m above highway pavement.
- \* 33. The access (or accesses) shall be constructed with 450mm diametre culvert pipe manufactured to CSA or ASTM standards and laid at ditch invert elevation. Maintenance and periodic cleaning of this culvert is the responsibility of the permittee.
- \* 34. Any mud, soil, debris, or other foreign material tracked onto the highway from the access (or accesses) shall be removed by the permittee at his expense, at least daily, or at any time the material unduly inconveniences traffic.
- 35. The access (or accesses) shall be constructed of standard concrete drop curb and sidewalk crossing, to the satisfaction of the Regional Director--Highways.
- \* 36. The profile of the access (or accesses) shall not exceed -2 % grade from the ditchline for a distance of at least 6 metres as measured away from the highway along the centreline of the access.
- 37. The layout shown on permittee's drawing is a condition of this permit and any change in layout without prior consent in writing to the Regional Director--Highways shall render this permit void.
- 38. Placing of speed arresters on the access (or accesses) or in the permittee's property without the prior consent in writing of the Regional Director--Highways shall render the permit void.
- 39. The permittee shall, at his cost, supply, erect, and maintain standard traffic control signs, as specified by the Regional Director--Highways.
- 40. The permittee shall provide offstreet parking in the amount of two stalls and one turnaround.
- 41. This permission is subject to compliance with the conditions of approval stated in the Public Works (Canada) letter to the permittee dated.
- \* 42. The layout shown on the attached drawing is a condition of this permit, and any change in layout without the prior consent in writing of the Regional Director--Highways shall render the permit void.
- \* 43. The entrance shall be perpendicular to the highway for a distance of at least six (6) metres from the shoulder of the road along the centreline of the access.
- \* 44. Care must be taken to protect any existing works and all repairs are to be made by the permittee at his/their expense.



District File No.:	
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# APPLICATION FOR PERMISSION TO CONSTRUCT WORKS WITHIN HIGHWAY RIGHT-OF-WAY FOR THE PURPOSE OF PROVIDING ACCESS TO A HIGHWAY

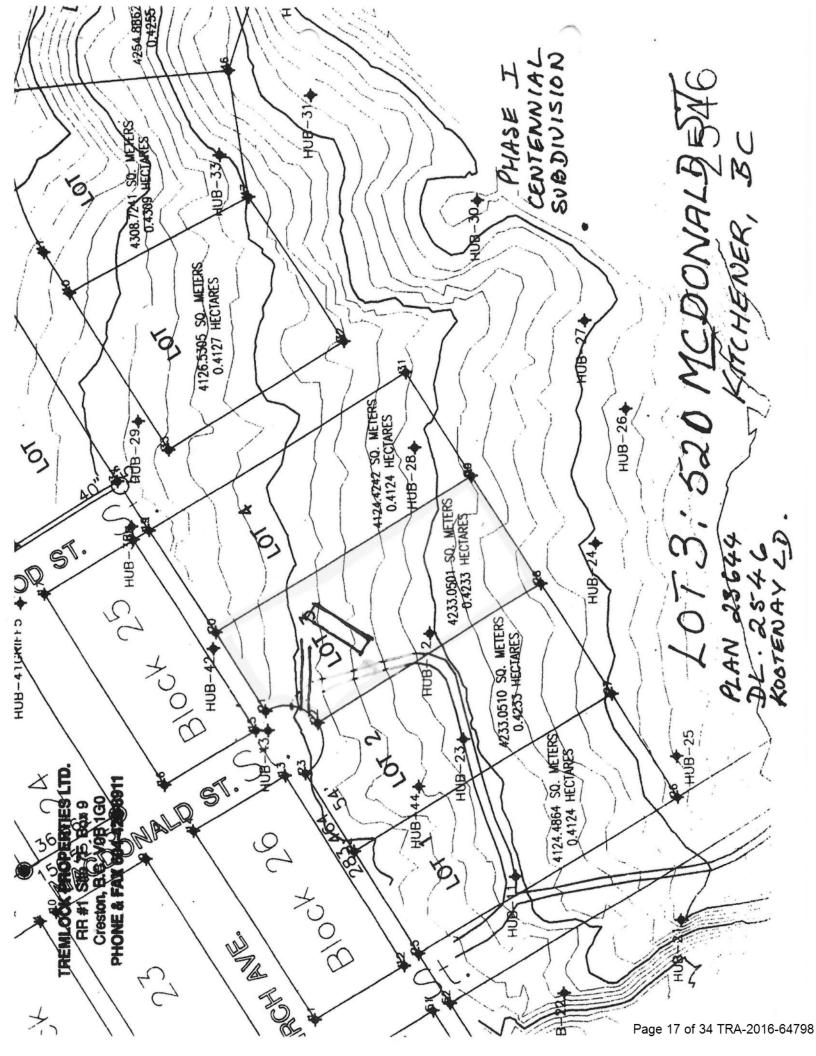
I (We) hereby apply for permission to construct, use, and maintain access works within the right-of-way of a highway in accordance with the particulars, plan, and specifications submitted herewith. I/We understand that the submission of this form constitutes an application only and the works may not be commenced unless and until a permit is received. (In the case of an access already installed, but not covered by a permit, this application is still required in order to authorize use of same.)

The full legal description of the property to be served is (1) L6 T B PLAN 23 644
PARCEL C(PDD18752-1), DL 2546, KOOTENAY LD
( I attach a sketch-plan showing the information required by Form H-20D)
Civic address, if applicable: 520 MCDONALD STREET
KITCHENER, BC
The name of the highway is MCDONALD: / CULDE SAC
The property is located approximately
and the requested access is on the N./S./E./W. side of the highway.
(Please see notes below for guidance.)
I / We request access at (2)locations, as shown on the accompanying sketch-plan.
The intended land use is (3) SINGLE FAMILY DWELLING
and the size and scope of the operation is (4)
The access is required for period of (5) PERMANENT
I / We am / are the registered owner or lessee of the above-described property.
Signed: Date:
Name and address: (Block capitals). A L THUR M TREMBLAY
Name and address: (Block capitals)
Name and address: (Block capitals). ARTHUR M TREMBLAY  RRI SITE 7F BOX 9
Name and address: (Block capitals)
Name and address: (Block capitals). A L THUR M TREMBLAY  RRI SITE 7F BOX 9  (RES +ON, BC  Postal Code VOB 190 Telephone: 250 428 89//
Name and address: (Block capitals). A LTHUR M TREMBLAY  RRI SITE 7F BOX 9  (RES +ON, BC  Postal Code. 10 B 190 Telephone: 250 428 89//  I/We wish to have the access permit issued in the name of (6) TREMLOCK PROPERTIES LTU
Name and address: (Block capitals). A L THUR M TREMBLAY  RRI SITE 7F BOX 9  (RES +ON, BC  Postal Code VOB 190 Telephone: 250 428 89//

#### Notes

- (1) Property describe must have highway frontage.
- Insert number of accesses requested.
- (2) Insert number of accesses requested.
   (3) Insert specific land use proposed (for example, single-family dwelling, farm, motel and restaurant, service-station, furniture factory, etc.).
   (4) Insert figures indicating number of dwelling units, square metres of floor area of buildings, sleeping units, employees, seats in restaurant, etc.
   (5) (a) Insert the word "indefinitely" if required for long-term use; or
   (b) Insert the specific number of months or years if required for temporary period.
   (6) (a) Insert "myself" or "ourselves" if required by owner or lessee; or
   (b) Insert number and address of person as company who will estually devalon the property and construct, use and maintain the access works.

- - (b) Insert name and address of person or company who will actually develop the property and construct, use and maintain the access works, if required by other party (for example, property is under option and owner proposes to sell or lease same); or
  - (c) If access required for land beyond, give name of owner(s) and legal description of parcel involved.



PAGE: 1

# DEVELOPMENT APPROVALS SYSTEM SUMMARY SHEET

LOG/FILE#: 15466

CATEGORY: PERACC ORDINARY ACCESS

TECH:

PKM Peter Muirhead

SEG

ORG/IND: TREMA Arthur M. Tremblay

BR/BUS.: IND

INDIVIDUAL

JURIS: CRE

CRESTON

THEIR FILE:

BYLAW#:

PROJECT NAME:

LOCATION: in Kitchener

LANDMARK KM INVENTORY

ROAD NAME

ROAD NO

START

FINISH

Macleod Street

2176

LEGAL DESC:

1. Lot 4, D.L. 2546, K.D., Plan NEP 23644

2.

LOT LOT SBLT

PLN DIST GR

LGL

FROM TO NO PCL PLAN BLK LOT NO NO BLOCK R Q SEC TP LD PID SUB RESERVE

4

NEP 23644

2546

K.D.

REFERENCE MAP:

SURVEYOR NAME:

ASSOCIATED REFERENCE LOG/FILE(S):

NO CROSS REFERENCE LOGFILE NUMBERS WERE FOUND FOR LOG/FILE NO. : 15466

ACTION

NOTES/INSTRUCTIONS/COMMENTS

TO

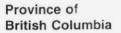
FROM

LETTER TYPE

REFERRAL AGENCY

DATE SENT

RESP?



Central Kootenay Comp. #1 Lakeside Drive Group Box

NELSON, B. C. V1L-6B9 Phone: (604) 354-6521 Fax: (604) 354-6547

Your file:

Our file: 03-010-15466

January 27, 1997

Arthur M. Tremblay Site 7F, Box 9 R.R. #1 Creston, BC VOB 1GO

### RE: Permit number 03-010-10B/15466, Macleod Street 2176

Attached is your copy of the above captioned permit.

Please read the permit carefully to ensure all applicable clauses are understood, paying special attention to clause 17 which lists additional clauses found on the reverse of the permit.

All work is to be completed to the satisfaction of the District Official, Ministry of Transportation and Highways.

Please quote file number 03-010-15466 when contacting this office.

Yours truly,

Peter Muirhead

District Development Tech.

PKM/imw

Permit No Highway Listrict File No.

10-B/15466 CentralKootenay 03-010-15466

# PERMISSION TO CONSTRUCT, USE, AND MAINTAIN ACCESS TO A PROVINCIAL HIGHWAY

The works comprising

of one (1) six (6) metre access from Macleod Street #2176 to serve the parcel legally described as Lot 4, D.L. 2546, K.D., Plan NEP 23644. The access shall be located in accordance with the application and drawing submitted for approval October 23, 1996. All work shall be to Ministry specifications and to the satisfaction of the District Highways Manager, Nelson, BC.

are hereby approved insofar as they relate to the use of highway right of way, interference with public works, or other matter under the jurisdiction of the Minister of Transportation and Highways, and permission to construct, use, maintain and operate the said works is hereby granted to

# Arthur M. Tremblay, Site 7F, Box 9, R.R. #1, Creston, BC V0B 1G0

The said approval and permission to construct, use and maintain the said works is, however, at all times subject to the following

- 1. That the construction and maintenance of the said works is carried out to the satisfaction of the Regional Director--Highways.
- 2. That any person appointed by the Regional Director--Highways for that purpose shall have free access to all parts of the said works for the purpose of inspecting same.
- \* 3. That the construction of the said works shall be commenced on or before the 27th day of February, 1997 and shall be prosecuted with due diligence and completed to the satisfaction of the Regional Director--Highways on or before the 27th day of May, 1997, or this permit is void.
- 4. That the safety, economy, and convenience of the travelling public must at all times be recognized and all traffic control must be undertaken by the permittee to the satisfaction of the Regional Director--Highways.
- 5. That where the said works are in proximity of any bridge, culvert, ditch or other existing work, such work shall be properly maintained and supported in such manner as not to interfere with its proper function, and on the completion of the said works any bridge, culvert, ditch or other existing work interfered with shall be completely restored to its original condition.
- 6. That the permittee shall at all times accept full responsibility for any accident that may occur or damage that may be done to any person or property whatsoever caused directly or indirectly by the said works, and shall save harmless and keep indemnified the Crown from all claims and demands whatsoever in respect of the works. That, prior to proceeding with any excavation, the permittee will be responsible for notifying any utility company whose works may be close to or affected by the installation.
- 7. That the permission herein granted to use and maintain the said works is only granted for such time as the land on which the said work is constructed is under the jurisdiction of the Minister of Transportation and Highways.
- 8. This permission shall not be deemed to vest in the permittee any right, title, or interest whatsoever in or to the lands upon which the works are constructed.
- \* 9. This permission is contingent upon the following land use

## Single family residence/one home

Any change in land use shall render the permission void.

- 10. That should the proposed land use not be instituted within six months of the date of this permit or should it be instituted and subsequently discontinued for a period of 30 days, this permit shall be void.
- 11. This permission is granted only to the person or corporation named above, and any change in ownership to the property
- 12. That while reasonable care will be taken on the part of the Crown to do as little damage as possible to any works authorized by this permit in the carrying-out of the construction, extension, alteration, improvement, repair, maintenance or operation of any public work adjacent thereto, the Crown and its employees accept no responsibility of any kind for such damage.
- 13. That, after receiving notice in writing of the intention of the Crown to construct, extend, alter, or improve any public works, the permittee shall within 30 days move or alter works authorized by this permit at his own expense to such new position or in such manner as may be necessitated by the construction, extension, alteration, or improvement, and that where such movement of access point or change of grade takes place there shall be no claim against the Crown for damages arising out of the changed access condition.
- 14. (a) This permit may be cancelled in the absolute discretion of the Minister of Transportation and Highways without any notice of hearing.
- (b) This permit may be cancelled by the Regional Director--Highways when alternative access becomes available as a result of the construction of a frontage road or other service road.
  - 15. Any existing access to the property not covered by a valid permit shall be removed within 90 days of the date of this permit.
- 16. That the access or accesses may be restricted as to allowable movements as traffic safety and flow conditions warrant, and at that time this permit may be cancelled and a new permit issued.
- 17. Clauses 22, 25, 28, 33, 34, 36, 40, 42, 43, and 44.
- as printed or typed overleaf on this permit, shall be deemed to apply and form part of these conditions.
  - 18. This permit cancels and replaces Permit No. .
  - 19. This property shall not be connected to any other property by private roadway.

	Dated at C.1	, Lakeside Dr	ive Group	Box, Nelson, BC	V1L 6B9
this _	27th	day of	January	19_97	Peter Muirhead
					District Development Technician

20. The access (or accesses) shall be defined to the satisfaction of the Regional Director--Highways by the erection of standard white-painted delineator posts, a 1-rail, nonmountable curb, or some other substitution titled barrier to traffic satisfactory to the Regional Director--Highways.

21. This permit includes permission to construct channelization within the highway right of way as specified by the Regional Director--Highways, and such channelization shall be constructed at the permittee's expense and maintained and operated by the

Ministry of Transportation and Highways.

\* 22. The access (or accesses) shall be gravelled to an extent satisfactory to the Regional Director--Highways to prevent the tracking of mud and soil onto the highway surface.

23. The access (or accesses) shall be paved to the satisfaction of the Regional Director--Highways.

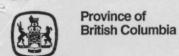
- 24. The highway shoulder between these accesses shall be paved to the satisfaction of the Regional Director-Highways.
- 25. The finished grade of the access (or accesses) at the ditch-line shall be 15 cm below the highway shoulder elevation.

26. The access (or accesses) shall be restricted to the following movements only

and the permittee shall construct and erect all necessary channelization, signs, and other traffic-control devices at his cost.

27. This permit is temporary and expires the .

- \* 28. The permittee shall be responsible for replacing any survey monuments that may be disturbed or destroyed by construction of the works allowed by this permit. Replacement must be by a British Columbia land surveyor at the permittee's expense.
- 29. The access (or accesses) will only be open to traffic between the each year, and when not open shall be closed with a suitable barrier and signs.
- 30. Before commencing construction, intimation in writing of the intention to do so must be given to the District Highways Manager at least seven days before the work is begun.
- 31. The access (or accesses) shall be used jointly with the access covered by Permit No., which serves the property legally described as
- 32. The permittee shall erect a tight board fence or thick evergreen hedge so that no part of the property is visible from the highway at any point along its frontage at an eye elevation 2.5 m above highway pavement.
- \* 33. The access (or accesses) shall be constructed with 450mm diametre (if and when required) culvert pipe manufactured to CSA or ASTM standards and laid at ditch invert elevation. Maintenance and periodic cleaning of this culvert is the responsibility of the permittee.
- \* 34. Any mud, soil, debris, or other foreign material tracked onto the highway from the access (or accesses) shall be removed by the permittee at his expense, at least daily, or at any time the material unduly inconveniences traffic.
- 35. The access (or accesses) shall be constructed of standard concrete drop curb and sidewalk crossing, to the satisfaction of the Regional Director--Highways.
- \* 36. The profile of the access (or accesses) shall not exceed -2 % grade from the ditchline for a distance of at least 6 metres as measured away from the highway along the centreline of the access.
- 37. The layout shown on permittee's drawing is a condition of this permit and any change in layout without prior consent in writing to the Regional Director--Highways shall render this permit void.
- 38. Placing of speed arresters on the access (or accesses) or in the permittee's property without the prior consent in writing of the Regional Director--Highways shall render the permit void.
- 39. The permittee shall, at his cost, supply, erect, and maintain standard traffic control signs, as specified by the Regional Director--Highways.
- \* 40. The permittee shall provide offstreet parking in the amount of two stalls and one turnaround.
- 41. This permission is subject to compliance with the conditions of approval stated in the Public Works (Canada) letter to the permittee dated.
- \* 42. The layout shown on the attached drawing is a condition of this permit, and any change in layout without the prior consent in writing of the Regional Director--Highways shall render the permit void.
- \* 43. The entrance shall be perpendicular to the highway for a distance of at least six (6) metres from the shoulder of the road along the centreline of the access.
- \* 44. Care must be taken to protect any existing works and all repairs are to be made by the permittee at his/their expense.



District File No .: .

# APPLICATION FOR PERMISSION TO CONSTRUCT WORKS WITHIN HIGHWAY RIGHT-OF-WAY FOR THE PURPOSE OF PROVIDING ACCESS TO A HIGHWAY

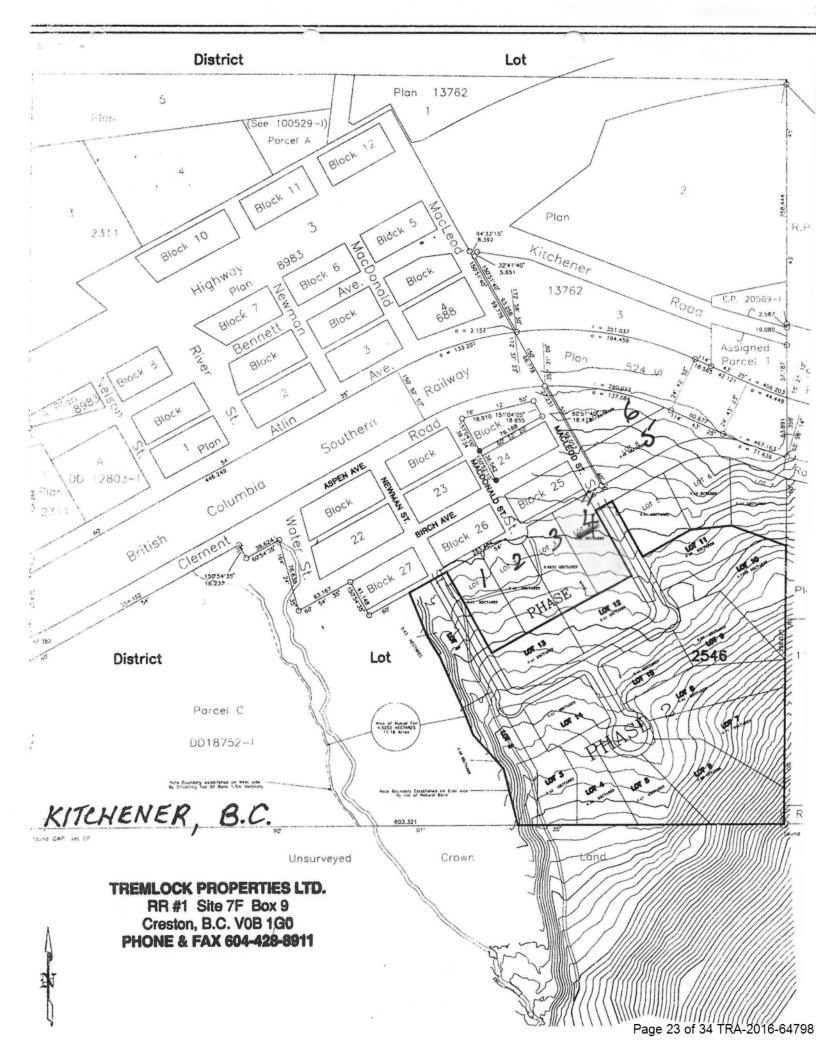
I (We) hereby apply for permission to construct, use, and maintain access works within the right-of-way of a highway in accordance

with the particulars, plan, and specifications submitted herewith. I/We understand that the submission of this form constitutes an application only and the works may not be commenced unless and until a permit is received. (In the case of an access already installed, but not covered by a permit, this application is still required in order to authorize use of same.)
The full legal description of the property to be served is (1) ( <b>tot 4</b> ) PCL C PDD 18 752 / DL 2546 KITCHIENER TOWNSITE KOOTENAY LD
(I attach a sketch-plan showing the information required by Form H-20D)  Civic address, if applicable: (SQL)   HENDMAN ST MACLEOD ST    KITCHENER BC
The name of the highway is DEWHADST MACLEOD 87
The property is located approximatelykm N./S/E./W. side of community of
and the requested access is on the N./S./E./W. side of the highway.
(Please see notes below for guidance.)
I/ We request access at (2)locations, as shown on the accompanying sketch-plan.
The intended land use is (3) Single Family Dwelling
and the size and scope of the operation is (4) 14 × 70 mobile Home
The access is required for period of (5) Fermanen
I / We am / are the registered owner or lessee of the above-described property.
Signed Xaulus Meneral Date: Sept 21 96
Name and address: (Block capitals) ARTMUR M. JREMBLAY
RRI SITE 7F BOX9
ERESTON BC
Postal Code VOB 190 Telephone: 604 428 8911
1/We wish to have the access permit issued in the name of (6)
Address: RRISITE 7F BOX 9
CRESTON, BC
Postal Code: VOB 190 Telephone: 604 428 8911

### Notes

- (1) Property describe must have highway frontage.
- (2) Insert number of accesses requested.
- (3) Insert specific land use proposed (for example, single-family dwelling, farm, motel and restaurant, service-station, furniture factory, etc.).
   (4) Insert figures indicating number of dwelling units, square metres of floor area of buildings, sleeping units, employees, seats in restaurant, etc.
   (5) (a) Insert the word "indefinitely" if required for long-term use; or
   (b) Insert the specific number of months or years if required for temporary period.

- (6) (a) Insert "myself" or "ourselves" if required by owner or lessee; or
  - (b) Insert name and address of person or company who will actually develop the property and construct, use and maintain the access works, if required by other party (for example, property is under option and owner proposes to sell or lease same); or
  - (c) If access required for land beyond, give name of owner(s) and legal description of parcel involved.





Ministry of Transportation and Highways

PAGE: 1

DEVELOPMENT APPROVALS SYSTEM SUMMARY SHEET

LOG/FILE#:

14834

CATEGORY: PERPIP PIPELINES

TECH:

PKM Peter Muirhead

SEG

ORG/IND: KITCH Kitchener Improvement District

BR/BUS.: MUN JURIS:

UA

MUNICIPALITY UNORGANIZED AREA

THEIR FILE:

BYLAW#:

PROJECT NAME:

LOCATION: Kitchener B.C.

LANDMARK KM INVENTORY

ROAD NAME

ROAD NO

START

FINISH

Newman Street

2246

LEGAL DESC:

1. D.L. 2546, K.D., Plan 688

2.

LOT LOT SBLT

PLN DIST GR LGL

FROM TO

NO PCL PLAN

BLK LOT NO NO BLOCK R Q SEC TP LD PID

SUB RESERVE

688

2546

KD

REFERENCE MAP:

SURVEYOR NAME:

ASSOCIATED REFERENCE LOG/FILE(S):

NO CROSS REFERENCE LOGFILE NUMBERS WERE FOUND FOR LOG/FILE NO. : 14834

ACTION

NOTES/INSTRUCTIONS/COMMENTS

TO

FROM

LETTER TYPE

REFERRAL AGENCY

DATE SENT

RESP?



Ministry of Transportation and Highways Cer Kootenay District Comp. 1, Lakeside Drive Group Box 202 Lakeside Drive Nelson BC V1L 6B9

Phone: 354-6521 Fax: 354-6547

Our files:

03-010-14792

03-010-14834

September 10, 1996

Kitchener Improvement District Box 12 Kitchener, BC V0B 1W0

Dear Sir/Madame:

Re: Permits 10-B/14792 and 10-B/14834

Please be informed that Permit No. 10-B/14792 has been cancelled due to duplication. Permit No. 10-B/14834 now replaces it. For future reference, please quote 10-B/14834 if contacting this office.

Thank you for your attention to this matter.

Yours truly,

Peter Muirhead

Development Approvals Technician

I.m. Traage

PKM/imw

Central Kootenay Comp. #1 Lakeside Drive Group Box

NELSON, B. C. V1L-6B9
Phone: (604) 354-6521
Fax: (604) 354-6547

Your file:

Our file: 03-010-14834

June 6, 1996

Kitchener Improvement District Box 12 Kitchener, BC VOB 1WO

# RE: Permit number 03-010-10B/14834, Newman Street 2246

Attached is your copy of the above captioned permit.

Please read the permit carefully to ensure all applicable clauses are understood, kindly sign and return the copy of the permit to this office.

All work is to be completed to the satisfaction of the District Official, Ministry of Transportation and Highways.

Please quote file number 03-010-14834 when contacting this office.

Yours truly,

Peter Muirhead

District Development Tech.

PKM/jm

CC: B. Ogden, Area Manager, Creston - South East



Permit No 10B/14834
File No. 03-010-14834
Letter No. B
District Central Kootenay

# PERMISSION TO CONSTRUCT WORKS WITHIN CROWN LAND

The works comprising of a 200 mm water distribution line under Newman Street Road #2246, to serve the parcel legally described as D.L. 2546, K.D., Plan 688. Waterline to be located in accordance with conditions of this permit and at a one (1) metre offset from property line. All work shall be to Ministry specifications and to the satisfaction of the District Highways Manager.

### (SEE REVERSE FOR CONDITIONS)

are hereby approved in so

far as they relate to the use of Crown lands, interference with public works, or other matter under the jurisdiction of the Minister of Transportation and Highways, and permission to construct, use, and maintain the said work is hereby granted to

### Kitchener Improvement District, Box 12, Kitchener, B.C., VOB IWO

The said approval and permission to construct, use, and maintain works is, however, at all times subject to the following conditions:

- 1. That the construction and maintenance of the said works is carried out to the satisfaction of the Regional Director, Highways.
- 2. That, before opening up any highway or interfering with any public work, intimation in writing of the intention to do so must be given to the District Official at least seven clear days before the work is begun.
- 3. That any person appointed by the Regional Director, Highways, for the purpose shall have free access to all parts of the works for the purpose of inspecting the same.
- 4. That the construction of the said works shall be commenced before 27th day of June 1996, and shall be prosecuted with due diligence and to the satisfaction of the Regional Director, Highways, and shall be completed on or before the 27th day of September 1996.
- 5. (a) The highway must at all times be kept open to traffic. The roadway must be completely restored for traffic as soon as possible. At all times the permittee must safeguard the travelling public.
- (b) That, unless with the consent of the Regional Director, Highways, no more than one hundred (100) metres of pipe-track or other excavation in any public highway is to be kept open at any one time.
- (c) All trenches and excavations shall be shored, if necessary, according to the Workers' Compensation requirements. Care shall be taken to protect adjacent property.
- (d) That all excavations shall be carefully back-filled with suitable material, which is to be tamped into place, and that the permittee shall restore the surface of the road and shoulders and ditches at his own expense. All surplus material is to be removed from the Provincial Crown lands, or deposited where and as required by the District Official of the Ministry of Transportation and Highways. The permittee is financially responsible for any maintenance work required on said ditch for a period of two years. The Ministry may carry out the necessary remedial work and invoice the permittee monthly.
- (e) The pipeline crossing installation is to be placed by drilling and (or) jacking in such a manner as to afford minimum grade settlement. No water jetting will be permitted. That where, in the opinion of the District Official, an excavation or opening for a pipeline crossing installation could be made which would not be detrimental to the highway or its users, permission will be granted for said works. On throughways, freeways, and main highways no open cuts will be allowed.
- (f) That all pipelines in excess of a nominal diameter of 5 cm., whether gas, oil, water, pressure sewers, conduits, etc., shall be installed where indicated by the District Official, encased in a steel casing-pipe or conduit-pipe of sufficient strength to withstand all stresses and strains resulting from the location, such casing to extend the full width of the highway right-of-way if deemed necessary to the District Official. The ends of the casing-pipe shall be suitably sealed and, if required, properly vented above the ground with vent-pipes not less than 5 cm. in diameter, and extending not less than 1.2 metres above ground surface. Vent-pipes shall be connected 30 cm. from the ends of the casing-pipe, and the top of each vent shall be fitted with a turn-down elbow, properly screened and equipped with identification markers.

All pipelines of non-rigid material, i.e., plastic or copper, of any diameter, shall be cased, or embedded in sand.

The inside diameter of the casing-pipe shall be at least 25 per cent larger than the outside diameter of the pipeline. The casing-pipe shall be installed with an even bearing throughout its length, and in such a manner so as to prevent leakage, except through the vents.

The top of the casing-pipe, or the pipeline where casing is not required, shall be located as directed by the District Official, and shall in no case be less than 1.2 metres below the surface of the highway and not less than 1 metre below the highway ditches. Pipelines must not obstruct drainage structures or ditches or interfere with traffic on the highway or with highway maintenance.

- 6. That where the work for which permission is hereby granted comes in contact with any bridge, culvert, ditch, or other existing work, such work must be properly maintained and supported in such a manner as not to interfere with its proper function during the construction of the new work, and on completion of the new work the bridge, culvert, ditch, or other existing work interfered with shall be completely restored to its original good condition. Separate permits shall be issued for pipeline on bridges.
- 7. That when necessary all excavations, materials, or other obstructions are to be efficiently fenced, lit, and watched, and at all times every possible precaution is to be taken to ensure the safety of the public.

- 8. That the person or persons for whom these works are being constructed, or by whom these works are maintained, shall at all times accept full responsibility for any accident that may occur or damage that may be done to any person or property whatsoever caused directly or indirectly by these works, and shall save harmless and keep indemnified the Crown from all claims and demands whatsoever in respect of the works.
- 9. That the permission herein granted to use and maintain the works is only granted for such times as the land or public work in, upon, or over which the said works are constructed is under the jurisdiction of the Minister of Transportation and Highways. This permission is not to be construed as being granted for all time, and shall not be deemed to vest in the permittee any right, title, or interest whatsoever in or to the lands upon which the works are constructed. Should the lands affected at any time be included within that of an incorporated municipality or city, this permission shall become void, unless the works are on a highway duly classified as an arterial or primary highway pursuant to Part III of the Highway Act.
- 10. That after receiving notice in writing of the intention on the part of the Provincial Government to construct, extend, alter, or improve any public work, the person or persons responsible for the maintenance of the works for which permission is hereby granted shall within six weeks move or alter such work at his or their own expense to such new positions or in such manner as may be necessitated by the construction, extension, alteration, or improvement proposed to be carried out by the Provincial Government.
- 11. That while reasonable care will be taken on the part of the Provincial Government to do as little damage as possible to any private work in the carrying-out of the construction, extension, alterations, improvement, repair, or maintenance of any public work adjacent thereto, the Provincial Government can accept no responsibility of any kind for such damage.
- 12. That the permission hereby granted to construct, use, and maintain work is granted without prejudice to the provisions of the Highway Act and Ministry of Highways and Public Works Act, or other Acts governing Crown lands and public works or their use by the public.
- 13. That this permission shall be in force only during such time as the said works are operated and maintained by the applicants, to the entire satisfaction of the Regional Director, Highways.
  - 14. That the Ministry will not be responsible for grade changes on accesses caused by reconstruction of any Provincial highway.
- 15. This permit is valid only for the specific works stated herein. Any alterations or additions must be covered by a separate permit.
- 16. This permit may be cancelled, at the discretion of the Minister, without recourse, should the permittee fail to comply with all the terms of the permit. Thirty days' notice will be given before cancellation.
- 17. When the requirements of the Ministry necessitate use of the said lands for Provincial purposes, at the discretion of the Minister, this permit may be cancelled.
- 18. That these works shall be identified with this permit number, namely, "H.," in a manner satisfactory to the District Official of the Ministry of Transportation and Highways.
- 19. This permit is not valid until one copy is signed by the permittee and returned to the District Highways Manager, Compartment #1, Lakeside Drive Group Box, Nelson, BC V1L 6B9.
- 20. The top of the pipeline greater than 75mm or casing in road shoulders must be 1.2 metres below the top of the pavement. Pipeline lines less than 0.75mm or their casings may be .9 metres. Permittee may apply to the District Highways Manager to vary this depth subject to the following:
  - a) If the standard depth of bury is not being adhered to, the pipeline design must be approved, signed, and sealed by a Professional Engineer, registered in BC, who is experienced in pipeline design and certifies that the design accounts for conditions in the proposed location, including vehicle live loads.
- 21. Prior to commencement of construction, permittee shall submit for the approval of the District Highways Manager a schedule of hours and days of operation. The Ministry will limit hours of work on utility installation, maintenance, and repair as required to maintain an acceptable standard of highway safety and traffic flow.
- 22. Except in case of emergency, the permittee shall be given written notice to perform remedial works. The Ministry may carry out the necessary remedial work and invoice the permittee.
- 23. Permittee shall identify all areas of soil instability and narrow roadway shoulders. Alternate pipeline location shall be proposed by the permittee and approved in writing by the Ministry representative. The travelled lane is to be avoided.
  - 24. Pipelines must be at a horizontal offset from culverts and sign or signal structures by at least .5 metres.
- 25. Pipeline locations shall be approved in the field in advance by the Ministry and the utility representative. Permittee shall be responsible for locating and for any damage to other works within highway right-of-way.
  - 26. The permittee shall provide an inspector on-site at all times during installation.
- 27. The Ministry may provide an on-site inspector who shall have final authority for all required field decisions. Permittee shall be required to bear the costs for this inspector.
  - 28. That the permittee may not assign any part of this Agreement without the consent, in writing, of the Minister.

- 29. That if the permittee violates any of the conditions of this Permit, the permittee shall remedy the violation as expeditiously as possible in accordance with any direction which the Minister may give. In the event of a default, the Minister shall give notice to the permittee requiring that the default be rectified within a period reasonable, having regard to all the circumstances. Failing rectification within the period of notice, the Minister may, but shall not be obligated, to remedy the default and the reasonable cost and expenses thereof shall be recoverable against the permittee.
- 30. Ministry standards apply: all utilities and their contractors must follow standards and procedures set out in the Traffic Control Manual for Work on Roadways.
  - a) The highway shall remain open to vehicular traffic at all times.
  - b) Once disturbed, a roadway will be restored for vehicular traffic movement without delay.
  - c) Traffic delays shall not exceed ten (10) minutes.
  - d) All traffic control costs shall be borne by the permittee.
- 31. The permittee is responsible for all costs of maintenance or remedial work required as a result of these works for a period of two (2)Years.
- 32. Three (3) attempts shall be made to push or bore under paved surfaces. If the crossing cannot be pushed or bored, a Ministry representative must be contacted.
  - a) Pits should be located and designed in such a way that ditches continue to function and do not drain or overflow into the pit. b)
  - c) Jacking and boring pits must be offset from the highway structure by sufficient distance so that they do not cause instability and interfere with drainage facilities. Pits must be offset from the outside edge of the shoulder by a distance which is at least equivalent to the vertical distance from the pavement to the bottom of the pit.
  - d) Pits which are located within the Clear Zone as defined in Section 5.3 must be shielded with a flared concrete roadside barrier in accordance with the Highway Design Manual.
- 33. Heavy-walled pipe will be allowed for highway crossings where soil conditions permit, the depth of bury is sufficient, and the design for the installation has been approved by a professional engineer who is experienced in pipeline design and is registered in BC at the time a permit is submitted to the Ministry. The Ministry may require pressure grouting to fill overbreaks and unused holes
- 34. The following requirements apply to all trenches which cross a highway, as well as to all trenches which are parallel to the centreline within a highway right-of-way where any part of the trench is in the gravel shoulder or within 3.6 metres of the edge of the pavement.
  - a) Where sloughing of trench sides has undermined the pavement, the pavement must be marked with a painted line showing the extent of the damaged area. Pavement must be removed from this area and the voids filled and compacted in accordance with backfill requirements.
  - b) Trenches must be backfilled with granular material in accordance with the following minimum requirements:
    - Sub-base material must consist of granular borrow which meets Ministry standards as set out in Section 202.6, Standard Specifications for Highway Construction.
    - 2. Base gravel must be a minimum compacted thickness of 150mm and consist of "50mm minus" crushed gravel which meets Ministry standards as set out in Section 202.04, Standard Specifications for Highway Construction. Pavement millings may be added to this lift.
    - Surface gravel must be a minimum compacted thickness of 150mm and consist of "25mm minus" crushed gravel which meets Ministry standards as set out in Section 202.04, Standard Specifications for Highway Construction.
  - c) Backfill must be placed in layers of approximately 250mm thickness and compacted with approved tamping equipment to a minimum of 95 percent. Proctor density to within 300mm of the surface and 100 percent for the final 300mm.
  - d) The District Highways Manager may require verification of backfill densities.
  - e) Shoring must be lifted as backfill is placed.
  - f) Backfill material must be free of frozen lumps.
  - g) Disturbed or settled pavement caused by the permittee shall be restored with hot mix asphaltic concrete in an approved manner and maintained in a satisfactory condition for a period of two (2) years in accordance with Clause 31.
  - 35. All ditches must be restored to their previous condition and to the satisfaction of the District Highways Manager.
- 36. As soon as any portion of the highway can be re-opened to traffic, a temporary asphalt patch must be applied. Where the District Highways Manager has agreed that temporary asphalt patch is not required, the backfill must be brought up to grade with a final layer of "25mm minus" crushed gravel which meets Ministry standards as set out in Section 202.4, Standard Specifications for Highway Construction. The surface is to be kept well graded and compacted at all times and permanent patch installed as soon as possible.

- 37. Shoulders must be restored to a well compacted, stable and free draining surface maintaining the existing crossfall. Shoulders must be compacted using industry standard equipment. If there is not sufficient moisture present in the material, the surface will be watered before compaction. Material must meet the following standards:
  - 1. Base course aggregate: 25mm well-graded material (Standard Specifications for Highway Construction)
  - 2. Surfacing: 25mm high fines surfacing (Section 202.05, Standard Specifications for Highway Construction)
  - 3. Asphalt surfacing: as specified below for permanent patching; and
  - 4. All granular or other material must be removed from paved surfaces after shoulder restoration has been completed.
  - 38. Pipe bedding must conform to industry standards.
- 39. Any blasting within the right-of-way must be approved by the District Highways Manager. Blasting plans shall consider peak velocity and particle displacement calculated at the locations of other existing adjacent pipelines or other road and utility structures.
- 40. Pavement edges must be cut, made true and straight, cleaned, and primed before installing a final patch. The District Highways Manager may specify that a concrete saw is to be used to prepare pavement edges.
  - a) Asphalt concrete or Portland cement pavement must be restored to the same thickness as the existing surface or to a minimum of 50mm thickness, whichever is greater. Asphaltic concrete is to be a type "B" medium mix or fine mix, as specified by the District Highways Manager, and must meet Ministry standards as set out in Section 223, Standard Specifications for Highway Construction.
  - b) Asphalt concrete is to be laid in two or more lifts or layers. Each lift is to be thoroughly compacted before successive lifts are applied.
  - c) Paving must be done by machine, no hand patching allowed. The utility will ensure that the permanent pavement patch is to Ministry standards for two (2) years from the date that the patch is installed.
- 41. Pavement must be cut by hand or approved mechanical means (saw cut) in straight lines parallel to the trench centreline. Distance from a pavement cut to the edge of the trench must be at least 150mm or sufficient to ensure that the pavement will not be undermined by sloughing. Trench shoring must conform to WCB standards and is to be used where soil conditions warrant. Extreme care must be taken to avoid sloughing of the trench sides to minimize damage to the subgrade beyond the limits of excavation. Machines with steel tracks or flat steel pads are not permitted on any portion of the paved surface at any time. When heavy rubber-tired equipment is turning on the paved surface, care must be taken to prevent scarring. During the removal or replacement of any existing curb, gutter, or sidewalk, the edges of the work area are to be saw cut in order to provide a clean and even joint.
- 42. Cross street intersections and paved driveways must be bored. Affected property owners must be notified at least 48 hours in advance. The District Highways Manager may specify that a temporary traffic plan be developed and approved by the Ministry where work will significantly disrupt traffic flow to residential or commercial property, or the movement of emergency vehicles.
- 43. Hydroseeding will be required as directed by the District Official to restore vegetation for the control of erosion, and to maintain the aesthetics of the highway right-of-way.
- 44. The permittee shall be responsible for replacing any survey monuments that may be disturbed or destroyed by construction of the works allowed by this permit. Replacement must be by a British Columbia Land Surveyor at the permittee's expense.
  - 45. Permittee shall control airborne dust to minimize hazard to the motoring public.
  - 46. Pipeline crossings shall be at ninety (90) degrees.
  - 47. Guardrail to be replaced the same day.
- 48. Permittee shall supply "AS BUILT" drawings upon the completion of the said works. Drawings must include offset and depth of pipe.
- u 49. The Ministry contact person is Peter Muirhead, District Development Technician phone 354-6521.

Agreed to by the permittee	Khil
Per	P. Muirhead
Per	District Development Technician
Date	Date 1496

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Ministry of Transportation and Highways

# Application for Permission to Construct Works Within Highway Right-of-Way

I (We) hereby apply for permission to construct, use, and maintain works within the limits of highway right-of-way under the jurisdiction of the Minister of Transportation and Highways, British Columbia, in accordance with the particulars, plans,\* and specifications submitted herewith in triplicate. It is understood that the completion of this form constitutes an application only and that the works applied for will not be commenced until a covering permit has been issued. The proposed works consist of and are described as follows:

Description of works: ZNSTALL	New WATER POPIN ON'
	BETWEEN PLZES SOUTH OF
	6 NORTH SIDE OF BIRCII
Location of works:	
Legal description of property to be served	546 - 7x. 688.
Drawing or sketch number:	Attached:
Have the necessary plans for approval been file	ed with the proper authorities? (See Note 2 on back)
Name of applicant (print please)	HENER. IMPROVIDENT DIST.
P.O. address - Box 12 X	STOHER BC. NOB-1WO.
	(Signed) Circle My Romalay.
	(Date) Certher M Namuel say

\*See note No. 1 on back.

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#### NOTE No. 1

The plans submitted may be blue-prints, and shall consist of key-map, general plan, profile, and where necessary detail plans on the following scales: **Key-map**, according to size of undertaking; **general plan**, 1:5000; **profile**, horizontal 1:5000, vertical 1.250; **details**, on suitable scales. For minor undertakings, such as small water-pipes or culverts, etc., under a road, sketches will be accepted and sections and details as to dimensions, depth of cover, etc.

The plans shall supply at least the following information:

- (a) The boundaries of highway right-of-way affected:
- (b) The position of all existing public works within such boundaries and relative thereto and the name of the authority in control of same:
- (c) The position of all private works (with names of owners) within such boundaries and relative thereto. (N.B.—Where the proposed works are upon or above the ground only such private works as are upon or above the ground, or as may be interfered with under the ground, need be shown):
- (d) The proposed position within such boundaries and relative thereto which would be occupied by the works:
- (e) The details of all tanks, manholes, lamp-poles, surface boxes, bridges, culverts, retaining-walls, or other structures to be constructed and used for the support of traffic, and details showing the method to be employed in supporting any proposed work, where any public works are affected:
- (f) Full information showing exactly in what manner and to what extent it is proposed to use any land or works under the control of the Minister of Transportation and Highways.

Specifications for the carrying-out of the work within the boundaries of all highway right-of-way shall also be submitted.

### NOTE No. 2

When application is made in respect of the following works, the requisite particulars, plans, and specifications must be submitted to the proper authorities before the approval of the application by the Minister of Transportation and Highways.

	Works	Authority to Whom Particulars, etc., Must Be Submitted			
1.	Electrical undertakings—				
	(a) Telegraph and telephone lines	Inspector of Electrical Energy	501 West 12th Ave., Vancouver, B.C.		
	(b) Energy generated otherwise than by water-power	Inspector of Electrical Energy	V5Z 1M6		
	(c) Energy generated by water-power	Inspector of Electrical Energy			
		Comptroller of Water Rights	Parliament Bldgs., Victoria, B.C.		
	(d) Electrical railways	Inspector of Electrical Energy	501 West 12th Ave., Vancouver, B.C.		
		Deputy Minister of Transportation			
	the second of the second of	and Highways	Parliament Bldgs., Victoria, B.C.		
2.	Steam-railways	Deputy Minister of Transportation			
3.	Logging-railways	and Highways	,, ,,		
4.	Skid-roads	Deputy Minister of Transportation and Highways and also Chief Forester	" "		
5.	Sewerage and sewerage-disposal  (a) Large systems  (b) Small systems	Waste Management Branch Ministry of Environment Local Health Inspector	Regional Office Parliament Buildings, Victoria, B.C.		
6.	Water-supply for domestic purposes	Local Water Management Office			
7.		or Comptroller of Water Rights	" "		
8.	Works to be constructed within any municipality	Municipal Official			

