

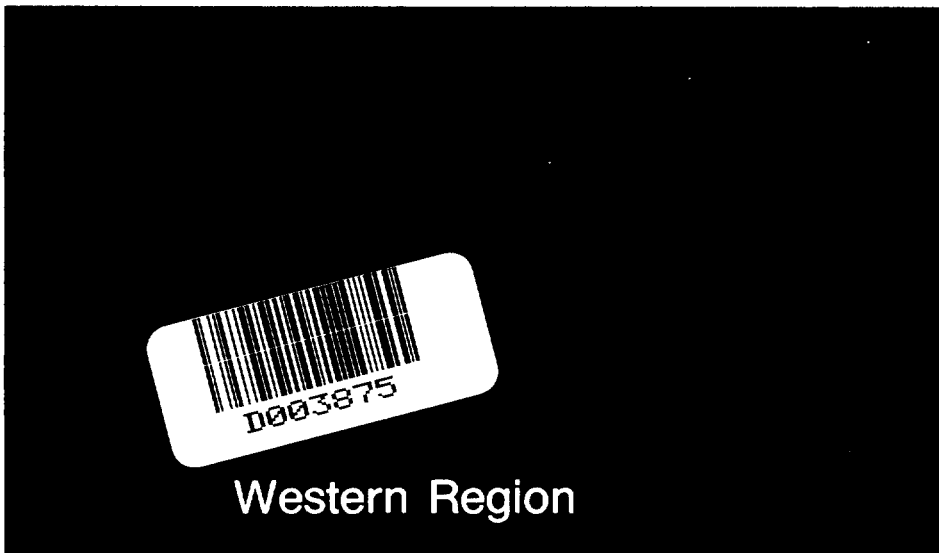
1 DECEMBER 1978

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LIARD HIGHWAY, N.W.T.
MILE 35.5 TO MILE 54.0
CLEARING AND INTERCEPTOR/OFFTAKE
DITCHING

PROJECT 085912

OCTOBER, 1978



DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT

NORTHERN OPERATIONS BRANCH

LAND USE PERMIT

PERMIT - Class A

NUMBER N78E778

SUBJECT TO THE TERRITORIAL LAND USE REGULATIONS AND THE TERMS AND CONDITIONS IN THIS PERMIT, AUTHORITY IS HEREBY GRANTED TO:

PUBLIC WORKS CANADA

PERMITTEE

TO PROCEED WITH THE LAND USE OPERATION DESCRIBED IN THE APPLICATION OF:

FEBRUARY 1, 1978

DATE

F.F. KIMBALL

SIGNED BY

RIGHT-OF-WAY CLEARING

MILE 21 - 66.5, LIARD HIGHWAY

TYPE OF LAND USE OPERATION

LIARD HIGHWAY

LOCATION

THIS PERMIT MAY BE ASSIGNED, EXTENDED, DISCONTINUED, SUSPENDED OR CANCELLED PURSUANT TO THE TERRITORIAL LAND USE REGULATIONS.

DATED AT YELLOWKNIFE, N.W.T.

THIS 3RD DAY OF MARCH, 1978

D. Long

ENGINEER

MARCH 6, 1978

COMMENCEMENT DATE

MARCH 6, 1980

EXPIRY DATE

NOTE: THE GRANTING OF THIS PERMIT DOES NOT RELIEVE THE PERMITTEE FROM OBSERVING AND COMPLYING WITH ANY OTHER APPLICABLE ACTS, REGULATIONS, ORDINANCES, BY-LAWS OR ORDERS.

OPERATING CONDITIONS - PART I

The Operator DEPARTMENT OF PUBLIC WORKS - CANADA shall conduct the _____
RIGHT-OF-WAY CLEARING MILE 21-66.5, LIARD HIGHWAY

Land Use Operation authorized by this Land Use Permit in accordance with
the following operating conditions:

GENERAL CONDITIONS

1. THE OPERATOR SHALL ADHERE TO ALL APPLICABLE CONDITIONS STATED IN PART I (GENERAL) OF THE TERRITORIAL LAND USE REGULATIONS.
2. THE OPERATOR'S FIELD SUPERVISOR SHALL CONTACT THE FORT SIMPSON DISTRICT OFFICE OF THE NORTHWEST LANDS AND FOREST SERVICE PHONE NUMBER 695-2231 FORTY EIGHT HOURS PRIOR TO THE COMMENCEMENT OF THIS LAND USE OPERATION.
3. THE OPERATOR IS RESPONSIBLE FOR UNDERTAKING FOREST FIRE PREVENTION AND SUPPRESSION MEASURES, AS DIRECTED BY THE NORTHWEST LANDS AND FOREST SERVICE.
4. PRIOR APPROVAL SHALL BE OBTAINED THROUGH THE LAND USE INSPECTOR FOR PROPOSED CHANGES IN THE APPROVED PLAN OF OPERATIONS, CAMP LOCATIONS AND OTHER ASSOCIATED FACILITIES.
5. THE LAND USE PERMIT AND ANNEXED OPERATING CONDITIONS SHALL BE POSTED AT THE SITE OF OPERATIONS AND ALL PERSONNEL MADE FAMILIAR WITH THE CONTENTS AND INTENT.
6. INSTALLATION OF EROSION CONTROLS AND CLEANUP OF WASTE WILL BE CONTINUOUS AND KEEP PACE WITH PROJECT ACTIVITY.
7. NOTWITHSTANDING THE TERMINATION OF THE PERMIT, THE OBLIGATION OF THE OPERATOR WITH RESPECT TO CLEANUP AND RESTORATION DOES NOT CEASE UNTIL HE IS IN POSSESSION OF A LETTER OF CLEARANCE FROM THE HEAD, LAND USE SECTION, DIAND, YELLOWKNIFE, N.W.T.

FUEL STORAGE

8. PRIOR TO THE INSTALLATION OF FUEL STORAGE FACILITIES EXCEEDING 5,000 GALLONS THE OPERATOR WILL REQUIRE WRITTEN APPROVAL FROM THE HEAD, LAND USE SECTION, DIAND, YELLOWKNIFE, N.W.T.
9. FOR FUEL STORAGE FACILITIES OF 5,000 GALLONS OR LESS THE OPERATOR SHALL LOCATE AND PLACE FUEL STORAGE CONTAINERS SO THAT ANY SPILLED OR LEAKED FUEL WILL BE TOTALLY CONTAINED.
10. FUEL OUTLETS EXCEPTING THE OUTLET CURRENTLY IN USE SHALL BE SEALED TO PREVENT LEAKAGE.
11. THE LAND USE INSPECTOR WILL BE INFORMED OF THE LOCATION OF ALL FUEL CACHES.
12. ALL STATIONARY FUEL STORAGE FACILITIES SHALL BE CLEARLY MARKED WITH FLAGS OR POSTS SO THEY ARE PLAINLY VISIBLE, REGARDLESS OF SNOW COVER, WEATHER OR DAYLIGHT CONDITIONS.

WILDLIFE

13. THE OPERATOR SHALL NOT USE MACHINERY OR OTHERWISE CONDUCT THE OPERATION SO AS TO HARASS OR UNNECESSARILY DISTURB WILDLIFE OR DAMAGE WILDLIFE HABITAT.
14. THE OPERATOR SHALL COOPERATE AT ALL TIMES WITH GAME OFFICIALS TO PROTECT WILDLIFE AND WILDLIFE HABITAT.
15. (A) ALL FIREARMS SHALL BE UNDER THE CONTROL OF SUPERVISORS AND BE USED ONLY FOR PROTECTION.

(B) THE PRESENCE OF A WILD ANIMAL THAT MAY CREATE A HAZARD IS TO BE REPORTED IMMEDIATELY TO THE NEAREST GAME MANAGEMENT OFFICER OR R.C.M.P. DETACHMENT.

(C) THE FEEDING OF WILDLIFE IS PROHIBITED.
16. FOOD AND CAMP KITCHEN WASTE WILL BE HANDLED IN A MANNER TO AVOID ATTRACTING WILDLIFE.
17. HUNTING IS PROHIBITED FOR PERSONS EMPLOYED BY THE OPERATOR OR CONTRACTOR AND RESIDENT IN A PERMITTEE OR CONTRACTOR OPERATED CAMP (I.E. CAMPS WILL NOT BE USED AS A BASE FOR HUNTING).

VEHICLE TRAVEL

18. WINTER COMMENCEMENT AND SPRING SHUTDOWN DATES FOR OVERLAND VEHICLE MOVEMENT WILL BE DETERMINED BY THE HEAD, LAND USE SECTION, BASED ON LOCAL TERRAIN CONDITIONS.

19. WINTER ACCESS ROADS SHALL BE OF PACKED SNOW CONSTRUCTION.
20. IN ORDER TO MINIMIZE SURFACE DISTURBANCE, BULLDOZER BLADES WHEN USED OUTSIDE THE AREA OF CONSTRUCTION ACTIVITY SHALL BE ELEVATED A MINIMUM OF SIX INCHES ABOVE THE GROUND BY MUSHROOM-TYPE SHOES OR A SIMILAR DEVICE. REMOVAL MAY BE AUTHORIZED BY THE LAND USE INSPECTOR FOR SPECIAL PURPOSES.
21. THE OPERATOR SHALL PRESCOUT PROPOSED ROUTES AND LINES AND SHALL INDICATE WITH GROUND MARKERS THE MOST FAVORABLE LOCATIONS FOR CROSSING STREAMS OR AVOIDING TERRAIN OBSTACLES PRIOR TO MOVEMENT OF CRAWLER TRACTORS OR OTHER HEAVY VEHICLES.
22. SHOULD EXCESSIVE TERRAIN DAMAGE RESULT FROM VEHICLES, THEIR USE WILL BE LIMITED OR STOPPED BY THE LAND USE INSPECTOR.

ARCHAEOLOGICAL

23. (A) ARCHAEOLOGICAL FINDS MUST BE MADE KNOWN TO THE LAND USE INSPECTOR.
- (B) IDENTIFIED ARCHAEOLOGICAL SITES MUST BE PROTECTED FROM DAMAGE OR INTERFERENCE.

ROW CLEARANCE AND CONSTRUCTION - PART II

CAMPSITES AND STAGING AREAS

24. IN ORDER TO MINIMIZE SURFACE DISTURBANCE OR SOIL SUBSIDENCE THE OPERATOR SHALL PREPARE THE GROUND SURFACE BENEATH ALL FACILITIES AND STRUCTURES ASSOCIATED WITH THIS LAND USE OPERATION.
25. PORTABLE RAMPS WILL BE USED FOR BARGE LOADING AND UNLOADING: PUSH-OUTS WILL NOT BE USED UNLESS AUTHORIZED BY THE LAND USE INSPECTOR.
26. AN AREA CLEARLY SIGNED SALVAGE SHALL BE MARKED OUT, AND USED FOR THE STORAGE OF ALL SURPLUS STORES AND EQUIPMENT AND SALVAGEABLE MATERIAL.
27. THE DISPOSAL OF NONSALVAGEABLE EQUIPMENT AND PARTS SHALL BE BY COMPACTION AND BURIAL AT A SITE APPROVED BY THE LAND USE INSPECTOR.
28. KITCHENS AND WASH CARS SHOULD INCORPORATE WATER SAVING AND WASTE SEPARATION FEATURES.
29. ALL COMBUSTIBLE GARBAGE AND DEBRIS SHALL BE INCINERATED IN A FUEL-FIRED, FORCED-AIR INCINERATOR AT LEAST DAILY, AND THE RESIDUE AND ALL OTHER NONCOMBUSTIBLE GARBAGE AND DEBRIS SHALL BE DISPOSED OF IN A MANNER ACCEPTABLE TO THE LAND USE INSPECTOR.
30. ALL WASTE PETROLEUM PRODUCTS SHALL BE DISPOSED OF DAILY BY INCINERATION.
31. THE TAKING OF WATER AND DISPOSAL OF WATERBORNE WASTE SHALL BE IN ACCORDANCE WITH THE NORTHERN INLAND WATERS ACT.

TIMBER CLEARING AND DISPOSAL

32. DISPOSAL OF TIMBER AND BRUSH FROM THE RIGHT-OF-WAY AND ASSOCIATED FACILITIES WILL BE DONE BY ONE OF THE FOLLOWING METHODS:
 - (A) CLEARING AND PLACING TIMBER AND BRUSH WITHIN THE RIGHT-OF-WAY FOR INCORPORATION INTO THE GRADE.
 - (B) REMOVAL TO A BORROW SITE OR SIMILAR SUITABLE LOCATION FOR BURNING AND/OR BURIAL.
 - (C) BURNING SMALL PILES.
33. WHEN CLEARING AND BRUSHING WITHIN THE RIGHT-OF-WAY IS DONE BY HAND CREWS, STUMPS WILL BE CUT AS CLOSE TO THE GROUND AS POSSIBLE. BRUSH LESS THAN 2 FEET HIGH MAY BE LEFT STANDING.

34. PROCEDURES FOR ADVANCED CLEARING STREAM BANKS OR STEEP SLOPES REQUIRE PRIOR APPROVAL OF THE LAND USE INSPECTOR.
35. ON AREAS ADJACENT TO BORROW PITS AND DESIGNATED AS SPOIL AREAS, TIMBER AND BRUSH MATERIALS WILL BE WALKED DOWN PRIOR TO THE PLACEMENT OF SPOIL MATERIALS.
36. LEANERS AND DEBRIS SHALL NOT BE LEFT IN STANDING TIMBER.

GRUBBING (OR STRIPPING)

37. AREAS TO BE GRUBBED SHALL BE DEFINED BY THE OPERATOR TO THE LAND USE INSPECTOR PRIOR TO COMMENCEMENT.
38. GRUBBING SHALL BE CONFINED TO MINIMUM AREAS FOR PURPOSES OF CUTS, DITCHING AND BORROW PITS.
39. MOVEMENT OF GRUBBING EQUIPMENT SHALL BE CONFINED TO AREAS TO BE GRUBBED AND RIGHT-OF-WAY.
40. DISPOSAL OF GRUBBED MATERIAL WILL BE BY BURNING OR BURIAL.

ACCESS ROADS

41. ACCESS ROUTES REQUIRE PRIOR APPROVAL BY THE LAND USE INSPECTOR.
42. ACCESS TO BORROW PITS SHALL BE LIMITED TO:
 - (A) A SINGLE ROUTE OF A MINIMUM WIDTH NECESSARY FOR TWO-WAY PASSAGE OF VEHICLES: OR
 - (B) TWO ROUTES OF A MINIMUM WIDTH NECESSARY FOR ONE-WAY PASSAGE OF VEHICLES.
43. DOGLEG APPROACHES ARE REQUIRED ON ALL BORROW PIT ACCESS ROADS.
44. TOTAL DISPOSAL OF TIMBER ON ACCESS ROADS SHALL BE CARRIED OUT TO THE LIMIT OF VISIBILITY FROM THE FINISHED ROADWAY.

BORROW PITS AND WASTE PILES

45. ADDITIONAL DEVELOPMENT AND RESTORATION PROPOSALS FOR BORROW PITS, CUTS AND WASTING AREAS SHALL BE APPROVED BY THE LAND USE INSPECTOR PRIOR TO THE COMMENCEMENT OF CLEARING.
46. IN TIMBERED AREAS A RESIDUAL TIMBER STAND OF 300 FEET SHALL BE MAINTAINED BETWEEN THE HIGHWAY AND BORROW OR WASTE AREAS, UNLESS OTHERWISE AUTHORIZED BY THE LAND USE INSPECTOR.
47. STRIPPED MATERIAL SHALL BE REMOVED IN SUCH A MANNER AND PLACED IN SUCH A LOCATION AT THE EDGE OF THE BORROW AREA AS TO FACILITATE RESTORATION ON COMPLETION OF THE OPERATION.

48. BACKSLOPES IN BORROW AREAS SHALL BE MAINTAINED AT A SLOPE OF TWO HORIZONTAL TO ONE VERTICAL FOR COMMON EXCAVATION, OR OTHERWISE TO THE SATISFACTION OF THE LAND USE INSPECTOR.
49. WASTE PILES WILL HAVE A LOW PROFILE FOR STABILITY.
50. LEVELLING AND SHAPING OF WASTE PILES WILL BE PROGRESSIVE WITH OPERATIONS.

DRAINAGE AND STREAM CROSSINGS

51. THE OPERATOR SHALL MAKE TEMPORARY CROSSINGS OF STREAMS IN SUCH A MANNER AS TO AVOID EXCAVATING OR OTHERWISE UNDULY DISTURBING APPROACHES, SHORES, BANKS AND STREAMBEDS AND, NOTWITHSTANDING THE FOREGOING, NO EXCAVATIONS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE LAND USE INSPECTOR. NO DEBRIS WILL BE DEPOSITED IN ANY STREAM DURING THE OPERATIONS.
52. APPROVAL FOR ALL PERMANENT CROSSINGS MUST BE AUTHORIZED UNDER THE NORTHERN INLAND WATERS ACT.
53. THE PLACEMENT OF CULVERTS WILL BE PROGRESSIVE WITH GRADE CONSTRUCTION IN ORDER TO PREVENT OBSTRUCTION TO NORMAL DRAINAGE.
54. DRAINAGE WILL BE PROVIDED FOR WHEN ESTABLISHING ACCESS ROADS.
55. EXCAVATED MATERIAL NOT SUITABLE FOR PROJECT USE MUST BE DISPOSED OF IN A LOCATION AND MANNER SATISFACTORY TO THE LAND USE INSPECTOR.
56. ANY OBSTRUCTION TO NATURAL DRAINAGE OCCURRING DURING THE LAND USE OPERATION SHALL BE REMOVED AND CONDITIONS RESTORED TO THE ORIGINAL STATE AS QUICKLY AS POSSIBLE.

1 Identification of Tender

- .1 Envelopes containing this tender are to be marked:

TENDER FOR:

Clearing and interceptor/offtake ditching
Mile 35.5 to Mile 54.
Liard Highway, N.W.T.

and are to be addressed:

REGIONAL MANAGER, FINANCE AND ADMINISTRATION
DEPARTMENT OF PUBLIC WORKS OF CANADA
P.O. BOX 488, ROOM 200, 9925 - 109 STREET
EDMONTON, Alberta

- .2 The name and address of the sender and the date due, must be shown on the envelope.

2 Delivery of Tender

- .1 Tenders must be received by the REGIONAL MANAGER, FINANCE AND ADMINISTRATION on or before the exact time and date fixed for their reception. Care should, therefore, be taken to mail or deliver same in proper time as tenders received after that time will not be considered.
- .2 Telegraphic tenders will not be accepted but the tenderer may revise his tender by telegram, provided it is received on or before the exact time and date fixed for reception of tenders.
- .3 Amendments by TELEX are not permitted and will not be considered.

3 Tender Form

- .1 Tenders must be on the form provided by the Department. No substitute form of tender will be considered.

4 Signature of Tender Form

- .1 Tenders must be properly signed in full compliance with the requirements indicated herein:
- .2 The signature of persons tendering must be in their respective handwriting.
- .3 The tenderer, or the person or persons duly authorized to sign on his behalf must initial and date each and every correction, change, erasure or alteration contained in this completed tender document.

Western Region4 Signature of Tender
Form (Continued)

- .4 LIMITED COMPANY: If this tender is made by a limited company, the full name of the company should be accurately PRINTED in the space provided for that purpose (signature of tenderer) and its corporate seal, if any, affixed.
- .5 PARTNERSHIP: If this tender is made by a partnership, the firm name or the business name should be accurately PRINTED in the space provided (signature of tenderer) and the name or names of the partners should be PRINTED immediately under the signature.
- .6 SOLE PROPRIETORSHIP: If this tender is made by an individual carrying on business under a name other than his own, his business name together with the name of the sole proprietor should be PRINTED in the space provided (signature of tenderer). In the event that the sole proprietor carries on business in his own name, he should merely PRINT his name where indicated.

5 Bid Depository

- .1 If the tender advertisement for this project states that a Bid Depository is to be used, sub-contractors for the trades named in the advertisement shall bid through the designated Bid Depository in accordance with the "Standard Canadian Bid Depository Principles and Procedures for Federal Government Projects", Second Edition April 1, 1970.

6 Alternative Materials

- .1 Wherever materials are specified by trade names or by manufacturers' names, the tender must be based on the use of such materials. During tender period, alternative materials will be considered if full descriptive data is submitted in writing at least 16 days before the tender closing date. Approval of submission will be signified by the issuance of an Addendum to the tender documents.

7 Tender Acceptance

- .1 The Department will not necessarily accept the lowest or any of the offers.

NOTE: These "Instructions" do not form part of the formal tender and need not be submitted with the tender.