

WATER LICENCE APPLICATION

Water Act, Section 8

| P | LEASE REFER TO GUIDELINES | WHEN COMPLETING | THIS APPLICA | TION |
|-------------------------------|--|--------------------------------|---------------------|--|
| 1. NAME & MAILING | ADDRESS GIVEN NAME (S) | 5年中华亚亚 (1986) | FOR OFFICE USE ONLY | 學性學 |
| 368787 | 1-2 CANADA, INC. | | A P C | IN Et |
| Suite 14 | 00 - 750 West Pende | er St. | MAY | 2 6, 2000 |
| Vancou | ver B.C. | V6C 2TE | | |
| (604)685.0 | PHONE # HOME PHONE # | 685.0147 | | and astr |
| Do you nold another water Yes | NO NO PART OF THE NUMBERS (IF KNOWN) | CLIENT NUMBER (IF KNOWN | S 5000.00 | WRMS 220238 |
| Licence? | gal description of property where water is to be u | s.21 | AU02401 | ZIIS416 |
| | | _ | | |
| SNOW | | 3 1 | 300M to | Snowcap |
| Creek | Bridge West Lillcoet Registered Owner | Mainline, a | PROX. ELEVA | F(0V) (20 M |
| TENURE TO LAND | LESSEE (OTHER) | Copy of Legal Pian attac | | |
| 3 PURPOSE(S) & OUA | No tenwe NTITY-Please refer to Schedule 1 - Water Purp | | mee Market | |
| Pour | | ^ | doic so | INI |
| 1000 | i rus poses, oere | NOT USE, UN | | 900 |
| & SOURCE OF WATER | | DISCHASSESINTO | | |
| SNOO | WCAP CREEK, Flow | ing porth in | to Lilloge | River |
| Soor | | J | | |
| 5 WORKS - Existing o | proposed to divert and convey water to place of PROPOSED POINT OF DIVERSION LOCATION | USO. | | |
| a) DIVERSION | Elevation appro | LENGTH OF PIPE | DIAMETER O | FPIPE |
| WORKS | Pump Gravity Feed OTHER WORKS | 2500 |) m 16 | 35 cm |
| | Diversion Weir | Spillway ave | t Intake St | vucture |
| b) STORAGE | Headpond only | at Intake | | |
| WORKS | | m³ 4.5 | m AREA OF RES | l.O ha |
| c) ADDITIONAL | Joint work with others? Yes No | IF YES, WITH WHOM? | | 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| INFORMATION | Works constructed? - Yes No | Partially | | |
| 6. LANDS AFFECTED - | The works will physically affect (by crossing or f | lloading) the following lands: | a CROWNI | 副新疆区 |
| Intake. | Location 1.0 Ha | Crown | | |
| Right of | way for tunnel/pipe | 15Ha Cro | wa | |
| Powerh | ouse Lokation o. | 6Ha Cros | 200 | |
| APPLICANT / AGENT'S SI | GNATURE MAZUL | | May. | |
| E177 LP -02 90r | KEEP YELLOW COPY OF THE APPLI | CATION AND DRAWING FOR YOUR | RECORDS | 24051198501 |



Province of ? tish Columbia

Ministry of Environment, Lands and Parks Water Management

SCHEDULE 2 DAM & RESERVOIR INFORMATION

REQ. .ED IN SUPPORT OF A WATER LICENCE APPLICATION FOR STORAGE PURPOSE

| | | | | | -11.4-4-7 |
|---|--|---|---------------------|-----------------------|--------------------------------|
| NAME OF APPLICANT | CATION INFORMATION | | | | FILE: |
| 36878 | 37-2 CANA | DA INC | **** | | I FILE |
| Suite | 1400-750 | West Poude | cst | | |
| 1/ | 101.7 (Apr. d.) | POST | AL CODE | PHONE# | FAX# |
| SOURCE(S) OF WATER (N | AME OF STREAM WHERE WORK | | 6C 2TB | 685.05 | 43 685 0147 |
| | CAP CREEK | LILLOOET | | =) | |
| PROJECT CONSULTANT | 1 | J BC Environme | ent may recomm | end that the dam be | designed by, and constructed |
| AS A | bove | under the sup | ervision of, a Pro | fessional Engineer re | egistered in the Province of B |
| WINICING ADDRESS | | | | | |
| - 138511-1111 | | POSTA | AL CODE | PHONE# | FAX# |
| nnanasch wanve n | | | | | |
| PROPUSED WORKS - P | lease complete 1 or 2 where a IS THE DUGOUT CO | ipplicable to your project. INSTRUCTED IN THE STREAM | CHANNEL OR OF | STREAM? | |
| 1. DUGOUT / POND | | | | | |
| i. DOGOOT/POND | STORAGE CAPACITY | uam | | тн | MAXIMUM DEPTH |
| | NOTE: PLEASE | or m ³ EATTACH A DETAILED | PI AN FOR (a) | THROUGH (4) BEI | m OW SHOWING CROSS |
| 2. DAM / RESERVO | SECTIO | ONS AND PLAN VIEWS C | F THE PROPO | SED DAM / RESER | RVOIR STRUCTURE. |
| | HEIGHT | LENGT | H - 5 | | ST WIDTH |
| a) STORAGE DAM | TYPE OF CONSTRU | CTION MATERIALS | 50 | m_ | 3.0 |
| | CONC | | ED WE | | DIVERSION |
| | STORAGE CAPACITY | | Udilli | OODED AREA | |
| b) RESERVOIR | | re works are to be | or(m ³) | | |
| | constructed and / | or flooded, owned by: | Applicant | ☐ Private ☐ | Crown D |
| | DESCRIPTION / TYPE | | F1 5.) | | |
| c) SPILLWAY | DESIGN FLOW | FTED OVER | FLOW | EBOARD | |
| | | 2 determined | m ³ /s | 1.5 | |
| | DESCRIPTION / TYPE | | | | |
| d) LOW LEVEL OUT (SLUICEWAY) | LET GAT | | Ico | NTROL WORKS USED | |
| A Martina and Share | N | 1/A | | GATES | > |
| STREAM HYDROLOGY F | | 얼마 그 살아보면 | | | |
| | erennial or flows intermitter ment (for determining dam | | | | |
| (ii) If the stream flow | v is ephemeral in nature (i.e | ., flows only during wet p | eriods or during | spring runoff), plea | se provide an estimate of th |
| | pove the dam or dugout loca | | ary of any meas | sured stream flow in | formation available and/or a |
| 4.00.0000000000000000000000000000000000 | flows in support of your app | | | | |
| Note: If you have any o | questions concerning the hy | drology of your stream (s | ource), please | contact your local W | ater Management Office for |

more detailed information.

If you intend to place or maintain fish in your dugout or reservoir, you must obtain a Private Fish Pond permit or Commercial Fish Farm Licence. Please contact the nearest office of BC Environment's Fish and Wildlife Branch or the Ministry of Agriculture, Fisheries and Food for more information.



Province of Pitish Columbia Ministry of Environment, Lands and Parks Water Management

SCHEDULE 3 POWER INFORMATION

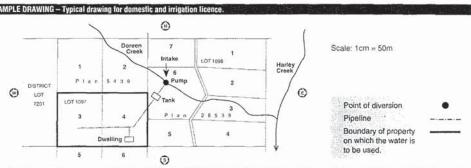
| WATER LICENCE APPLICATIO | N INFORMATION | bee management of the | - C- 100 (100 T- 100 T- | acida 800 ayres casa sana | |
|--|--|--|--|--|-----------------|
| IAME OF APPLICANT | N INFORMATION | PURPOSE | | FILE# | |
| 368787- | 2 CANADA INC | Residential Co | mmercial Ge | neral 🖭 | |
| Suite 1400 | -750 West Pe | nder St | | | |
| 1400 | 0 0 | POSTAL CODE | PHONE# | FAX# | 2 Vertical |
| Vancouve | | V6C 2T8 | 685.0 | 543 685.0 | 147 |
| OUNCE(S) OF WATER (NAME O | F STREAM WHERE WORKS ARE TO BE | LLOOFT VALL | = 1 BC | ~ | |
| ROJECT CONSULTANT (IF ANY | | LCOOK! OPEC | 9,00 | | |
| AILING ADDRESS | t Piesold Ltd. | | | | |
| , ~ | above | | | | |
| 1,3 | | POSTAL CODE | PHONE# | FAX# | |
| SENERAL PROJECT INFORMA | TION – Please complete entire sectio | William Street, Street | | MANAGER AND PROPERTY. | DATE: |
| ANTICIPATED POWER | MAXIMUM | MINIMUM | AVE | ERAGE | 1.845 -5 |
| PRODUCTION | FLOW RATE | kw 4000 | kw | 9000 | kw |
| MAXIMUM STREAM FLOW REQUIRED | 14.0 | m3/s | | | |
| | | | a) Cala ta B | C. Huden & Davies Author | . T |
| POWER | Indicate how the power will be used. Check all that apply | a) Personal Use | c) Sale to B. | .C. Hydro & Power Author | onty 💌 |
| PRODUCED FOR | be used. Oneck all that apply | b) Sale to Others [| d) Sale to O | ther Power Authority | L |
| ROPOSED WORKS - Please | complete where applicable for your p | | | | at in |
| | HEIGHT LENGTH | | | | |
|) STORAGE DAM | 1 | TYPE OF CONSTRUCTION | | CATEC | |
| | 4.5 m 50 | | ETE WITH | A GATES | |
| | STORAGE CAPACITY dam3 FL | m CONCRE | If a dam is incorp | orated please complete am & Reservoir Informati | on. |
| | TORAGE CAPACITY 27000 orm3 | m CONCRE | If a dam is incorp Schedule 2 - Da | orated please complete am & Reservoir Informati | |
|) RESERVOIR | STORAGE CAPACITY dam3 FL | m CONCRE | If a dam is incorp | orated please complete am & Reservoir Informati | on. |
|) RESERVOIR | STORAGE CAPACITY 27000 or m DESCRIPTION FISH SCREENS THE TORAGE TO THE TORAGE THE TO | M CONCRE | If a dam is incorp Schedule 2 - Da | orated please complete am & Reservoir Informati | |
|) RESERVOIR | STORAGE CAPACITY 27000 DESCRIPTION TIVEYSION FISH SCREENS THE TORAGENS OTHER FEATURES | m CONCRE OODED AREA 1.0 ha Weir/Spillub | If a dam is incorp Schedule 2 - Da | porated please complete am & Reservoir Informati take Struck | |
|) RESERVOIR | STORAGE CAPACITY 27000 DESCRIPTION TIVEYSION FISH SCREENS THE TORAGENS OTHER FEATURES | Werr/Spillum | If a dam is incorp Schedule 2 - Da | orated please complete am & Reservoir Informati | |
|) RESERVOIR | STORAGE CAPACITY 27000 or m DESCRIPTION DIVERSION FISH SCREENS THE GULY OTHER FEATURES CONTROL FLUME, PIPE, TUNNEL, ETC DES TUNNEL 20 | Weir Spillum Cod Ouse - equi | If a dam is incorp Schedule 2 - Da y and in pount f | orated please complete am & Reservoir Informati Atake Structo Saulding | we |
|) RESERVOIR | STORAGE CAPACITY 27000 or m DESCRIPTION FISH SCREENS OTHER FEATURES CONTROL FLUME, PIPE, TUNNEL, ETC DES LENGTH WILLIAM STORAGE Amage A | M CONCRE 1.00 ha 1.00 ha Weir Spillum Cod Couse - equi Conprion DOIN Pipe | If a dam is incorp Schedule 2 - Da y and in | orated please complete am & Reservoir Informati Atake Struct Saulding PRESSURE PATING | IVE IF P:PE) |
|) RESERVOIR | STORAGE CAPACITY 27 000 or m ³ FL DESCRIPTION FISH SCREENS CONTROL FLUME, PIPE, TUNNEL, ETC DES TUNNEL, 20 LENGTH 500 m | Weir Spillum Cod Ouse - equi | If a dam is incorp Schedule 2 - Da y and in p want of 500 M | practed please complete am & Reservoir Informati Atake Struct Brulding PRESSURE PATING 3200 | IVE. |
|) RESERVOIR) INTAKE | STORAGE CAPACITY 27 000 or m3 FL 27 000 or m3 FL DESCRIPTION FISH SCREENS THE TEQUEN OTHER FEATURES CONTROL FLUME, PIPE, TUNNEL, ETC DES TUNNEL LENGTH SOO m ELEVATIONS - UPPER END ELEVATIONS - UPPER END BLEVATIONS - UPPER END BLEVATIONS - UPPER END M | M CONCRE OODED AREA 1.0 ha Well Spillum OOD Spillum | If a dam is incorp Schedule 2 - Da y and iv P Wort F 500 M TH (IF FLUME) Elevations may b heights above the | practed please complete am & Reservoir Informati Atake Struct Brulding PRESSURE PATING 3200 | IVE IF P:PE) |
|) RESERVOIR) INTAKE) PENSTOCK | STORAGE CAPACITY 27 000 or m ³ DESCRIPTION FISH SCREENS THE QUAY OTHER FEATURES CONTROL FLUME, PIPE, TUNNEL, ETC DES TUNNEL LENGTH 500 m ELEVATIONS - UPPER END TYPE TYPE TYPE | M CONCRE OODED AREA 1.0 ha Way Spillium OOD M Pipe DOUGH PIPE EVATIONS - LOWER END 120 m RAT | If a dam is incorp Schedule 2 - Da y and iv p want f 500 M TH (IF FLUME) Elevations may b heights above the | bruiding PRESSURE PATING (3200) Be expressed as | IVE IF P:PE) |
|) RESERVOIR) INTAKE) PENSTOCK | STORAGE CAPACITY 27 000 or m3 FL 27 000 or m3 FL DESCRIPTION FISH SCREENS THE TEQUEN OTHER FEATURES CONTROL FLUME, PIPE, TUNNEL, ETC DES TUNNEL LENGTH SOO m ELEVATIONS - UPPER END ELEVATIONS - UPPER END BLEVATIONS - UPPER END BLEVATIONS - UPPER END M | M CONCRE OODED AREA 1.0 ha Well Spillum OOD Spillum | If a dam is incorp Schedule 2 - Da y and iv p want for 500 H TH (IF FLUME) Elevations may b heights above the | bruiding PRESSURE PATING (3200) Be expressed as | IVE IF P:PE) |
|) RESERVOIR) INTAKE) PENSTOCK | STORAGE CAPACITY 27 000 or m3 FL 28 000 or m3 FL 29 000 or m3 FL 20 00 | M CONCRE OODED AREA 1.0 ha Wery Spillular (ed Ouse equi CRIPTION Pipe DON M Pipe 1.2 m 2 vtical Stratt RAT RAT | If a dam is incorp Schedule 2 - Da y and iv p want for 500 H TH (IF FLUME) Elevations may b heights above the | bruiding PRESSURE PATING (3200) Be expressed as | IVE |
|) RESERVOIR) INTAKE) PENSTOCK) TURBINE | STORAGE CAPACITY 27000 or m3 FL 27000 or m3 FL 27000 or m3 FL DESCRIPTION DIVERSION FISH SCREENS FL CONTROL CONTROL FLUME, PIPE, TUNNEL, ETC DES TUNNEL SOO m ELEVATIONS - UPPER END TYPE (2) Francis Synctions | M CONCRE OODED AREA 1.0 ha Wery Spillular (ed Ouse equi CRIPTION Pipe DON M Pipe 1.2 m 2 vtical Stratt RAT RAT | If a dam is incorp Schedule 2 - Da y and iv P Wont for SDO M TH (IF FLUME) Elevations may be heights above the ING | bruiding PRESSURE PATING (3200) Be expressed as | IVE |
|) RESERVOIR) INTAKE) PENSTOCK) TURBINE GENERATION | STORAGE CAPACITY 27000 or m 3 FL 27000 or m 3 FL DESCRIPTION FISH SCREENS THE QULY OTHER FEATURES CONTROL M FLUME, PIPE, TUNNEL, ETC DES TUNNEL 20 LENGTH 500 m ELEVATIONS - UPPER END 20 TYPE (2) Francis, Vo FEATURES Channel | M CONCRE OODED AREA 1.0 ha Wery Spillular (ed Ouse equi CRIPTION Pipe DON M Pipe 1.2 m 2 vtical Stratt RAT RAT | If a dam is incorp Schedule 2 - Da y and iv P Wont for SDO M TH (IF FLUME) Elevations may be heights above the ING | bruiding PRESSURE PATING (3200) Be expressed as | IVE IF P:PE) |
| | STORAGE CAPACITY 27000 or m3 FL 27000 or m3 FL 27000 or m3 FL DESCRIPTION FISH SCREENS FLUNDER FEATURES CONTROL M FLUME, PIPE, TUNNEL, ETC DES TUNNEL 20 LENGTH SOO m ELEVATIONS - UPPER END 200 m TYPE (2) FVANCIS VO FEATURES Channel DISCHARGES TO | M CONCRE OODED AREA 1.0 ha Weny Spillular Cod Ouse equit Ouse equit Only Pupe The Derivations - Lower end 120 m RAT 22 tical Straft RAT | If a dam is incorp Schedule 2 - Da y and iv P Wont for SDO M TH (IF FLUME) Elevations may be heights above the ING | bruiding PRESSURE PATING (3200) Be expressed as | we |
|) RESERVOIR) INTAKE) PENSTOCK) TURBINE GENERATION | STORAGE CAPACITY 27000 or m 3 FL 27000 or m 3 FL DESCRIPTION FISH SCREENS THE QULY OTHER FEATURES CONTROL M FLUME, PIPE, TUNNEL, ETC DES TUNNEL 20 LENGTH 500 m ELEVATIONS - UPPER END 20 TYPE (2) Francis, Vo FEATURES Channel | M CONCRE OODED AREA 1.0 ha Weny Spillular (ed Ouse equi OUSE equi OUSE PIPE OF ALL OF | If a dam is incorp Schedule 2 - Da y and iv P Wont for SDO M TH (IF FLUME) Elevations may be heights above the ING | protection of the second of th | IVE |



WATER LICENCE **APPLICATION**

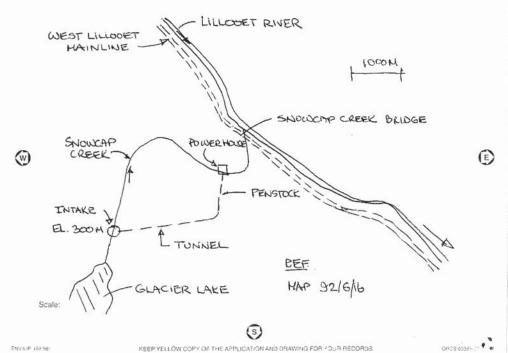
Water Act, Section 8

WATER LICENCE APPLICATION DRAWING



APPLICANT'S DRAWING - Prepare a drawing to submit with your application. Ref





ENV.L/P (02/96)



Province of B * 1 Columbia

Ministry of Environment, Lands and Parks W 'er Management

WATER LICENCE APPLICATION

Water Act, Section 8

| P | LEASE REFER TO GUIDELIN | ES WHEN COMPLETIN | G THIS APPLICATION | |
|--------------------------------|---|-------------------------------------|--|-------------|
| 1. NAME & MAILING | | 然和在2000年30 成 | FOR OFFICE USE ONLY | |
| 36878 | 37-2 CANADA I | NC | A REFEREI | |
| Suite 1 | 400 - 750 West 7 | Pender St. | MAY 2 1 ZEED | |
| Vance | ouver B.C. | POSTAL CODE V6C 2T8 | | |
| BUSINESS MESSAGE (604) 685 . C | PHONE = HOME PHONE = | 685 · 0147 | _OWER ELECTION II. | |
| Do you haid | LICENCE FILE NUMBERS (IF KNO | | AMOUNT RECEIVED RECEIPT # | |
| another water. Yes Licence? | No V | s.21 | FILE OC 7//0// APPLICATION | 14 |
| 19:00 III II | gal description of property where water is to | V 10 x 1 | | 419 |
| GOWAN | CREEK AND LIV | INGSTON CREE | EK, Elevation a | PPIOX. |
| 390 N | to Elevation | 150 M | RCELIDENTIFICATION NUMBER (PID #) | A ha |
| TENURE | Registered Owner | GENTIFICATE OF THEE PA | ACELIDENT FICK FOR NOTISE FIRST | |
| TO LAND | No tenure | Copy of Legal Plan atta | ached | |
| | NTITY – Please refer to Schedule 1 – Water | Purpose & Application Fees | | |
| Pow | er Purpose Ge | neval Ose, o | nder 20 MW | |
| | , , | | and a substitute of the substi | |
| 4 SOURCE OF WATER | | DISCHARGES INTO | | |
| GOW. | AN AND LIVINGSTO | N CREEKS, Flo | wing south into | <u>ئ</u> |
| Lillo | oet River | · · | | |
| 5 WORKS - Existing t | PROPOSED POINT OF DIVERSION LOCATION | | | 建筑建筑 |
| a) DIVERSION | Pump Gravity Feed C | Prox. 390 M | DIAMETER OF PIPE | |
| WORKS | OTHER WORKS | 3000 | m 150 | cm |
| | DIVEYSION W | eirs and Spille | ways - Intake Str | icture |
| b) STORAGE | Headond at | Intake | 1 | |
| WORKS | 25000 | m ³ DAM HEIGHT 4.5 | m AREA OF RESERVOIR | ha |
| c) ADDITIONAL | Joint work with others? Yes | No VIFYES, WITH WHOM? | | Lister |
| INFORMATION | Works constructed? Yes | No Partially | | |
| | The works will physically affect (by crossin | g or flooding) the following lands: | | |
| Intake | Location(s) 10 | THA CYOWO / | private. | |
| Right of | F Way Pypeline 1.9 | stal Crown | V | |
| Powlerh | | otra Crown | ` | |
| APPLICANT AGENTS SI | | ~ CIOIAN | May 24 o | 7 |
| Fixa (F (), let | KEEP YEULOW COPY OF THE | APPLICATION AND DRAWING FOR YOU | R PECORDS | PAGS 202650 |



Province of 3 .tish Columbia

Ministry of Environment, Lands and Parks Water Management

SCHEDULE 2 DAM & RESERVOIR INFORMATION

1.0

1.5

Applicant

FREEBOARD

CONTROL WORKS USED

Private Crown

REG **RED IN SUPPORT OF A WATER LICENCE APPLICATION FOR STORAGE PURPOSE** WATER LICENCE APPLICATION INFORMATION 750 West Pender St 685.0543 685.0147 AND LIVINGSTON CREEKS BC Environment may recommend that the dam be designed by, and constructed under the supervision of, a Professional Engineer registered in the Province of BC. PHONE# FAX# PROPOSED WORKS - Please complete 1 or 2 where applicable to your project. IS THE DUGOUT CONSTRUCTED IN THE STREAM CHANNEL OR OFF STREAM 1. DUGOUT / POND STORAGE CAPACITY dam3 LENGTH MAXIMUM DEPTH or m3 NOTE: PLEASE ATTACH A DETAILED PLAN FOR (a) THROUGH (d) BELOW SHOWING CROSS SECTIONS AND PLAN VIEWS OF THE PROPOSED DAM / RESERVOIR STRUCTURE. 2. DAM / RESERVOIR HEIGHT CREST WIDTH LENGTH 0 a) STORAGE DAM TYPE OF CONSTRUCTION MATERIALS

STREAM HYDROLOGY FLOW INFORMATION

(i) If the stream is perennial or flows intermittently, please provide a low flow assessment (for filling and maintaining reservoirs) and a high flow assessment (for determining dam design flood) and/or a complete hydrological assessment in support of your application.

CONCRETE

25000

constructed and / or flooded, owned by

Land tenure where works are to be

GATE

STORAGE CAPACITY

- (iii) If the stream flow is ephemeral in nature (i.e., flows only during wet periods or during spring runoff), please provide an estimate of the drainage area above the dam or dugout location, an adequate summary of any measured stream flow information available and/or an estimate of high flows in support of your application.
- Note: If you have any questions concerning the hydrology of your stream (source), please contact your local Water Management Office for more detailed information.

FISH POND PERMIT

b) RESERVOIR

c) SPILLWAY

d) LOW LEVEL OUTLET (SLUICEWAY)

If you intend to place or maintain fish in your dugout or reservoir, you must obtain a Private Fish Pond permit or Commercial Fish Farm Licence.
Please contact the nearest office of BC Environment's Fish and Wildlife Branch or the Ministry of Agriculture, Fisheries and Food for more information.

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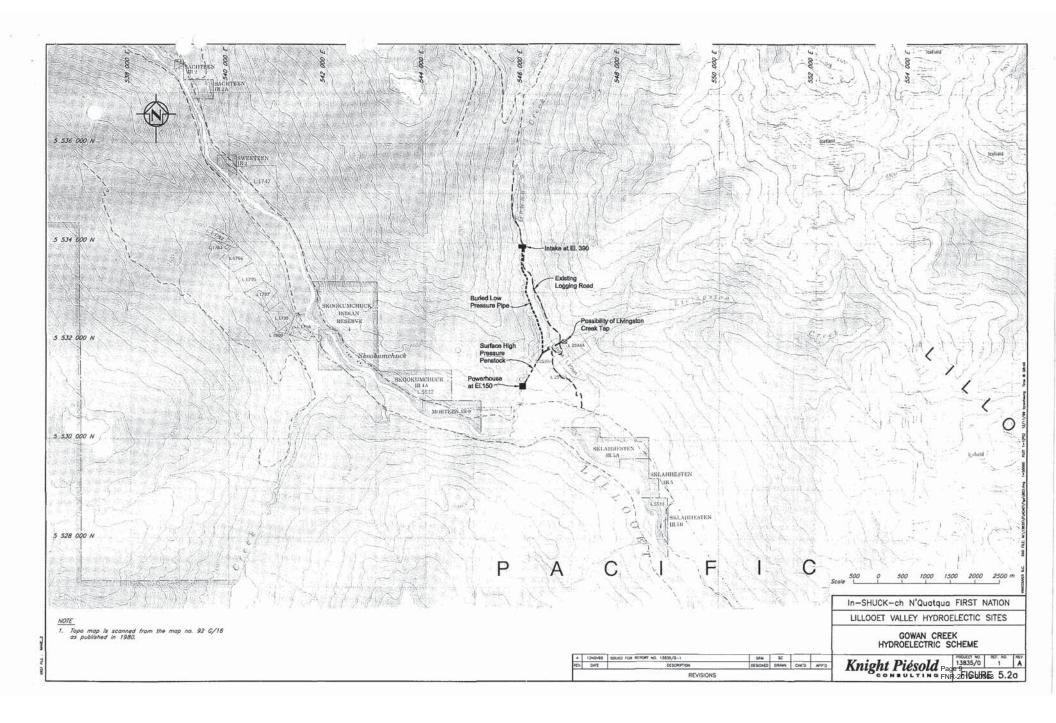


Province of 3 tish Columbia

Ministry of Environment, Lands and Parks Water Management

SCHEDULE 3 POWER INFORMATION

| | O IN SUPPORT OF A WAT | ER LICENCE APPLICA | ATION FOR POW | ER PURPOSE |
|---|--|--|--|--|
| WATER LICENCE APPLICATION IAME OF APPLICANT | N INFORMATION | PURPOSE | CHAIN NAME OF STREET | rina di Stron (N AF ESSELSE) FILE= |
| 368787- | 2 CANADA IX | | Commercial Gen | eral 🗹 |
| Scute 1400 | 2-750 What i | Pendey St. | | |
| 1 | . 00 | POSTAL CODE | PHONE# | FAX# |
| DURCE(S) OF WATER (NAME O | F STREAM WHERE WORKS ARE TO B | | 8 685.0 | 543 685.0147 |
| GOWAN | LIVINGSTON | CREEKS, LI | LLOOET 1 | JALLEY |
| ROJECT CONSULTANT (IF ANY) | Piesold Lt | id. | | |
| AILING ADDRESS | .10 | | | |
| AS asse | ove | POSTAL CODE | PHONE# | FAX# |
| ENERAL PROJECT INFORMA | TION – Please complete entire sec | | | r value in the in- |
| NTICIPATED POWER PRODUCTION | MAXIMUM 18,200 . | kw 360 | | RAGE (0,000 kw |
| MAXIMUM STREAM FLOW REQUIRED | FLOW RATE 9.0 | m ³ /s | NW I | TO JOSO KN |
| POWER | Indicate how the power will | a) Personal Use | c) Sale to B.C | C. Hydro & Power Authority 🔽 |
| RODUCED FOR | be used. Check all that ap | b) Sale to Others [| d) Sale to Oth | ner Power Authority |
| ROPOSED WORKS - Please | complete where applicable for you | | | |
|) STORAGE DAM | 4.5 m 40 | TYPE OF CONSTRUCT | 1 - | TES |
|) RESERVOIR | STORAGE CAPACITY dam3 | FLOODED AREA | ✓ If a dam is incorpo | orated please complete |
| | 25000 or 63 | 1.O ha | Scriedule 2 - Dai | m & Reservoir Information. |
| | DIVENSION | Weir and | Intake | structure |
|) INTAKE | DIVENSION FISH SCREENS | weir and | 9ntake | structure |
| INTAKE | DIVEVSION FISH SCREENS THE REQUIRES | weir and uired | 9ntake | structure |
|) INTAKE | DIVENSION FISH SCREENS IF requ | weir and uired and againg | Intake | structure |
|) INTAKE | DESCRIPTION DIVEYSION FISH SCREENS OTHER FEATURES FLUME, PIPE, TUNNEL, ETC. – DI PLDR | wired Land equip | Antake | structure |
| | DIVEYSION FISH SCREENS OTHER FEATURES FLUME, PIPE, TUNNEL, ETC - D LENGTH | worth DIAMETER | Antake ment bu | structure ilding |
| | DESCRIPTION DIVEYSION FISH SCREENS THE PROPERTY OF THE PROPE | WIDTH/DIAMETER DELEVATIONS-LOWER END | Antake ment bu DEPTH (IF FLUME) | structure ilding PRESSURE RATING (IF PIPE) cm 4300 kPa |
|) PENSTOCK | DESCRIPTION TISM SCREENS OTHER FEATURES OTHER FEATURES FLUME, PIPE, TUNNEL, ETC - D LENGTH ELEVATIONS - UPPER END TYPE TYPE | WIDTH/DIAMETER DELEVATIONS-LOWER END | Antake ment bu ment | PRESSURE RATING (IF PIPE) cm 4300 kPa expressed as level of the turbine. |
| PENSTOCK | DESCRIPTION TISM SCREENS OTHER FEATURES FLUME, PIPE, TUNNEL, ETC. – D. PLPL LENGTH 2000 m ELEVATIONS – UPPER END 330 m | weir and compesciption with diameter melevations - Lower end 150 m bertical Stratt | Antake Ment bu DEPTH (IF FLUME) Elevations may be heights above the MATING 9100 | structure ilding PRESSURE RATING (IF PIPE) cm 4300 kPa |
| PENSTOCK | DESCRIPTION TISH SCREENS OTHER FEATURES FLUME, PIPE, TUNNEL, ETC D FLUME, PIPE, TUNNEL, ETC D LENGTH 3000 m ELEVATIONS - UPPER END TYPE (2) Francis | with and equipescription width/biameter in the control of the con | Antake ment bu ment | structure Iding PRESSURE RATING (IF PIPE cm 4300 kP2 expressed as level of the turbine. |
| PENSTOCK TURBINE GENERATION | DESCRIPTION TISH SCREENS OTHER FEATURES FLUME, PIPE, TUNNEL, ETC. – D LENGTH 3000 m ELEVATIONS – UPPER END TYPE (2) Francis | with and equipescription width/biameter in the control of the con | Antake ment bu ment | structure Iding PRESSURE RATING (IF PIPE) COM A 300 KPa expressed as level of the turbine. |
|) INTAKE) PENSTOCK) TURBINE GENERATION) TAILRACE | DESCRIPTION THEN SCREENS OTHER FEATURES OTHER FEATURES FLUME, PIPE, TUNNEL, ETC - D. LENGTH SOOO M ELEVATIONS - UPPER END TYPE (2) Francis TYPE (2) Francis DISCHARGES TO | weir and compescription Land compescription WIDTH/DIAMETER m ELEVATIONS-LOWER END 150 m butical Stratt from the compescription is a second compescription in the compescription in the compescription is a second compescription in the compescription in the compescription is a second compescription in the | Antake ment bu ment | structure Iding PRESSURE RATING (IF PIPE) COM A 300 KPa expressed as level of the turbine. |
| PENSTOCK TURBINE GENERATION | DESCRIPTION TISH SCREENS OTHER FEATURES FLUME, PIPE, TUNNEL, ETC D FLUME, PIPE, TUNNEL, ETC D LENGTH 3000 m TYPE 390 m TYPE 390 chrow FEATURES DISCHARGES TO GOWAN | with and equipescription width/biameter in the control of the con | Antake ment bu ment | Structure Iding PRESSURE RATING (IF PIPE) CM A 300 kPa expressed as level of the turbine. |

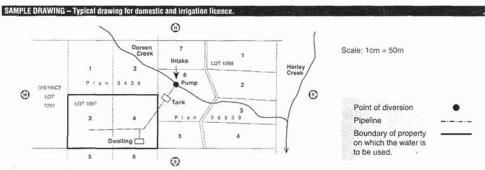




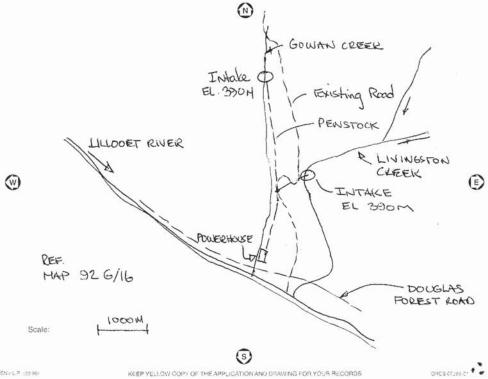
WATER LICENCE **APPLICATION**

Water Act, Section 8

WATER LICENCE APPLICATION DRAWING



APPLICANT'S DRAWING - Prepare a drawing to submit with your application. Refer to Application Gu





Province of B. is Columbia

Ministry of Environment, Lands and Parks Weight Management

WATER LICENCE APPLICATION

Water Act, Section 8

| P | LEASE REFER TO GUIDELINES | WHEN COMPLETING | G THIS APPLICATION | |
|-------------------------------|---|---|---------------------------------------|---------|
| 1. NAME & MAILING | ADDRESS GIVEN NAME(S) | | FOR OFFICE USE ONLY | |
| 368787 | | | ABREINE | |
| MALING ADDRESS | 1121 | r St. | MAY 2 6 200 | |
| Vancou | 0 11 01 11 | POSTAL CODE V6C 278 | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | |
| BUSINESS MESSAGER | PHONE # HOME PHONE # | EAX = | LUMER Manipard | |
| (EC4) 685 C Do you hold | LICENGE FILE NUMBERS OF KNOWN | (604) · 685 · 0147 | AMOUNT RECEIVED RECEIPT # | - |
| another water Yes Licence? | No V | s.21 | S 10,000.00 220243 | |
| | gal description of property where water is to be | used. | 2002405 21154 | |
| ROGERS | 3 CREEK, Elevation a | PDFOX. 510 H to | o Rogers Creek Br | idge |
| on D | 0 - 1 - 1 | pprox. elevation | |) |
| TENURE | Registered Owner | | RCELIDENT/FICATION NUMBER (PID #) | |
| TO LAND | LESSEE OTHER: | Copy of Legal Plan attac | ched | |
| 3. PURPOSE(S) & QUA | No Tenuse NTITY - Please refer to Schedule 1 - Water Pur | | | |
| Par 10.5 | Purpose General | Use 30 | A 1 1 1 | |
| 100001 | Tat pose , server | , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 1.10 | |
| 4 SOURCE OF WATER | | | | |
| ROGER | s CREEK south to | LILLWET RIV | IER | |
| | | | | |
| 5. WORKS - Existing o | r proposed to divert and convey water to place o | if use. 🦸 | | |
| | Elevation appro | X. 510 M | | |
| a) DIVERSION WORKS | Pump Gravity Feed | LENGTH OF PIPE 5750 | DIAMETER OF PIPE m (50 | cm |
| | DIVERSION Weir | 111 | 011 | 72 |
| | PROPOSED RESERVOIR LOCATION | | 2 | _ |
| b) STORAGE WORKS | HE ADPOND ONLY) - | DAMHEIGHT APP | POX 27,000 H | |
| | 27,000 | m ² 4.5 | m 1.0 | hε |
| c) ADDITIONAL | Joint work with others? Yes Will No | TO BE DE | FERMINIED. | |
| INFORMATION | Works constructed? Yes No | Partially | | |
| 6 LANDS AFFECTED - | The works will physically affect (by crossing or | flooding) the following lands: | 2 CROWN) | |
| INTAKE | LOCATION, 1.0 Ha | CROWN | SUNOTINE | |
| RIGHT . O | F.WAY FOR PIPELINE | 3.5 Ha - (| Crown | |
| Powersk | DUSK LOCATION | 0.6 Ha - | Crown | |
| APPLICANT AGENTS SH | GNATURE MACUI | | Nay 24 00 | |
| 11/ LP (WHE | KEEP YELLOW COPY OF THE APPL | CONTRACTOR STANDARD SAN AND PARTIES | | E 7/285 |



Province of `i_ish Columbia

Ministry of Environment, Lands and Parks Water Management

SCHEDULE 2 DAM & RESERVOIR INFORMATION

ED IN SUPPORT OF A WATER LICENCE APPLICATION FOR STORAGE PURPOSE

| WAT | ER LICENCE APPLICATION | INFORMATION | 10 mag | algorithm Assessed | | | Resident Control |
|--------|-------------------------------------|---|-------------|-----------------------|----------------------|----------------------------|------------------|
| NAME | OF APPLICANT 36878 | 1-2 CANADA | 18.5 | _ | | FILE# | |
| MAILIN | IG ADDRESS | | - CO - CO | The second | | | |
| | Suite 14 | .00 · 750 Wes | t Per | nder St | 0 | | |
| SOUR | Vancoure CE(S) OF WATER (NAME OF | B.C. | BE CONST | V6C 27 | 18 604 68 | S-0543 685 | -0147 |
| | ROGERS | | | TUALLE | Y B.C. | | |
| PROJE | CT CONSULTANT | | ▲ BC En | vironment may reco | mmehd that the dam t | oe designed by, and cor | structed |
| | SAME AS | ABOVE | under | the supervision of, a | Professional Enginee | er registered in the Provi | nce of BC. |
| MAILIN | IG ADDRESS | | | | | | |
| - | | | | POSTAL CODE | PHONE# | FAX# | |
| | | | | | | | |
| PROF | POSED WORKS – Please co | omplete 1 or 2 where applicable | | | | | Mail X |
| | | IS THE DUGOUT CONSTRUCT | ED IN THE S | STREAM CHANNEL OF | R OFF STREAM? | | |
| 1. [| DUGOUT / POND | STORAGE CAPACITY dam3 | LENGTH | | WIDTH | MAXIMUM DEPTH | |
| | | or m ³ | | m | | _ m | m |
| 2. [| DAM / RESERVOIR | NOTE: PLEASE ATTAC SECTIONS AND | | | | ELOW SHOWING CR | |
| | | HEIGHT | | LENGTH | C | REST WIDTH | // |
| a) S | TORAGE DAM | 4.5 | m | 40 | m | 3.0 | m |
| | | CONCLE | | GATED | WEIR E | OR DIVERS | 140 |
| | | STORAGE CAPACITY | 112 | dam ³ | FLOODED AREA | L STORES | VON |
| | FOEDVOID | 27000 | | (or m ³ |) | ن ، ا | ha |
| D) F | RESERVOIR | Land tenure where works constructed and / or flood | | d by: Applica | ant 🗆 Private [| Crown 🖳 | |
| | | DESCRIPTION / TYPE / | 5 | | | | |
| c) S | PILLWAY | GATES / | DVEX | CFLOW | FREEBOARD | | |
| 76.0.7 | | TO BE DE | TERM | INEO m3/s | I. S | 5 | m |
| | | DESCRIPTION / TYPE | | | | | |
| | OW LEVEL OUTLET SLUICEWAY) | NUMBER OF SEEPAGE COLLA | RS | | CONTROL WORKS USE | 0 | C-11/2/2 |
| 10 | SCOIOLYM 1) | NA | | | GATE-S | | |
| STRE | AM HYDROLOGY FLOW IN | | 9 LAV200 | 533520H-11-55-51 | 100 2000 | "CHESTER BURNING | 2015 AGANTON |

- If the stream is perennial or flows intermittently, please provide a low flow assessment (for filling and maintaining reservoirs) and a high flow assessment (for determining dam design flood) and/or a complete hydrological assessment in support of your application.
- If the stream flow is ephemeral in nature (i.e., flows only during wet periods or during spring runoff), please provide an estimate of the drainage area above the dam or dugout location, an adequate summary of any measured stream flow information available and/or an estimate of high flows in support of your application.

Note: If you have any questions concerning the hydrology of your stream (source), please contact your local Water Management Office for more detailed information.

FISH POND PERMIT

If you intend to place or maintain fish in your dugout or reservoir, you must obtain a Private Fish Pond permit or Commercial Fish Farm Licence. Please contact the nearest office of BC Environment's Fish and Wildlife Branch or the Ministry of Agriculture, Fisheries and Food for more information.



Province of r...sh Columbia Ministry of Environment, Lands and Parks Water Management

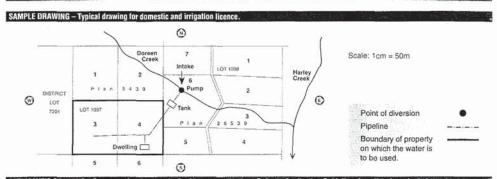
SCHEDULE 3 POWER INFORMATION

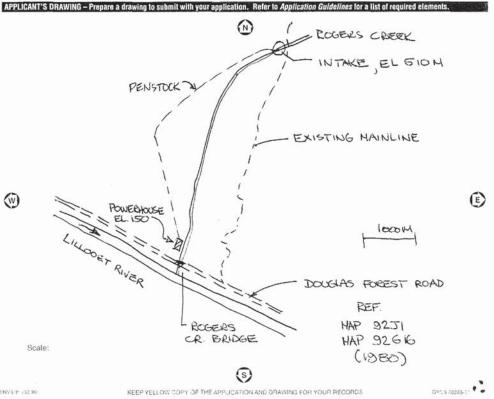
| RE IRED | IN SUPPORT OF A WATER LICENCE APPLICATION FOR POWER PURPOSE |
|--------------------------|--|
| | INFORMATION PURPOSE JFILE« |
| 368787- | 2 CANADA INC. Residential Commercial General |
| Suite 1400 · | - 150 West Pender St. |
| lawconver | B.C. POSTAL CODE PHONE FAX. 685-0147 |
| RCE(S) OF WATER (NAME OF | STREAM WHERE WORKS ARE TO BE CONSTRUCTED) |
| | CREEK LILLOGET VALLES, BC. |
| 7 7 7 7 0 0 | ght Plesold Ltd. |
| Same | as above |
| | POSTAL CODE PHONE# FAX# |
| | ON - Please complete entire section. MAXIMUM AVERAGE |
| ODUCTION | 30,000 kw 6000 kw 17,500 kw |
| | FLOW RATE O m3/s |
| WED | Indicate how the power will a) Personal Use C Sale to B.C. Hydro & Power Authority |
| | be used. Check all that apply. b) Sale to Others d) Sale to Other Power Authority |
| POSED WORKS - Please co | mplete where applicable for your project. |
| STORAGE DAM | 4.5 m 40 m STEEL GATES/ CONCRETE |
| RESERVOIR | STORAGE CAPACITY dam3 FLOODED AREA If a dam is incorporated please complete |
| | DESCRIPTION |
| | DIVERSION WER and Whate STRUCTURE |
| INTAKE | If Required |
| | Control and Equipment Building, Access |
| | LOW Pressure high pressure buredlewface pic |
| PENSTOCK | LENGTH WIDTH / DIAMETER DEPTH (IF FLUME) PRESSURE RATING (IF PIPE) |
| | ELEVATIONS - UPPER END ELEVATIONS - LOWER END |
| and the second | 510 m 150 m heights above the level of the turbine. |
| TURBINE | Francis (Vertical) 16,000 kW |
| GENERATION | Sunctionous 16,000 MVA |
| | CHANNEL (C) |
| TAILRACE | DISCHARGES TO ROBERS CREEK |
| | |
| OTHER EQUIPMENT | STORAGE BATTERIES, ETC DESCRIPTION |
| | ITER LICENCE APPLICATION IE OF APPLICANT 368187- ING ADDRESS SUITE 1400 JONES |

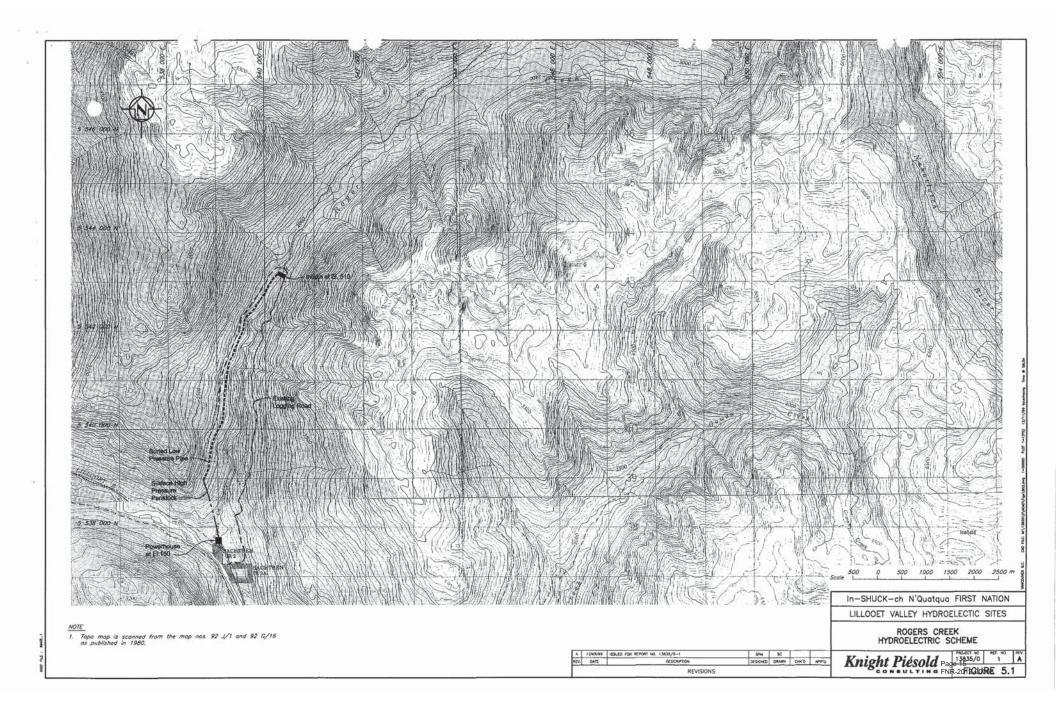


WATER LICENCE **APPLICATION** Water Act, Section 8

WATER LICENCE APPLICATION DRAWING





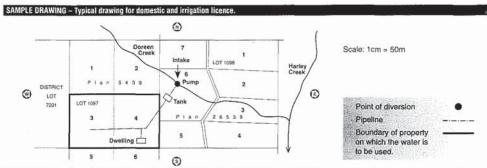




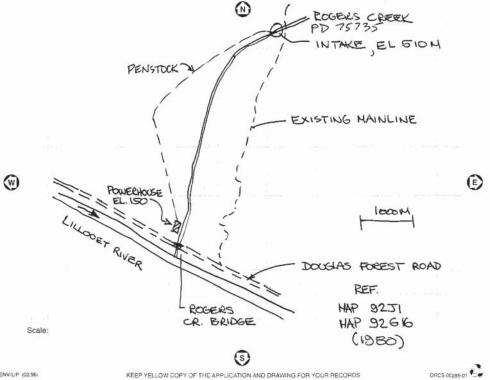
WATER LICENCE **APPLICATION**

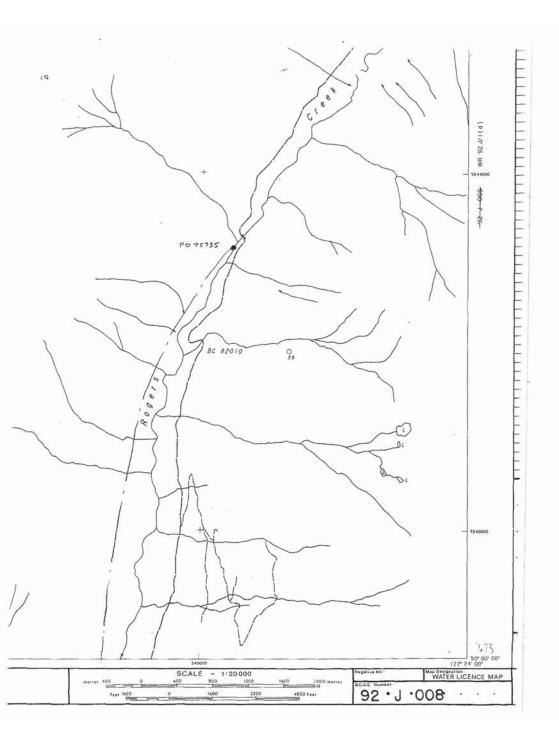
Water Act, Section 8

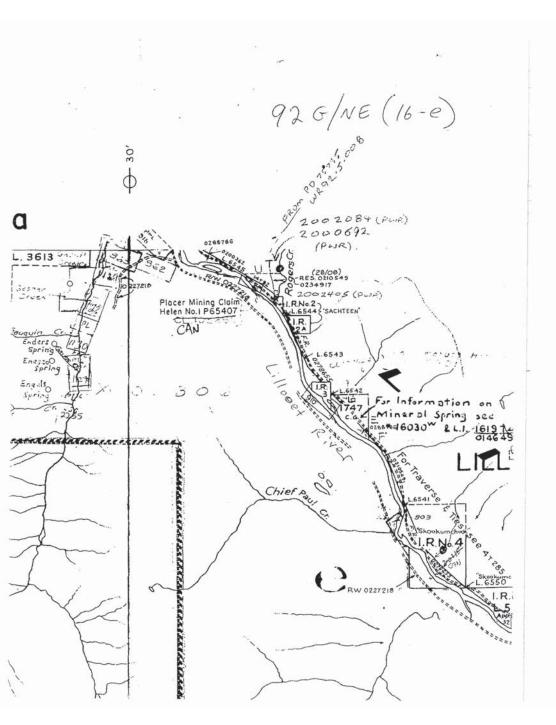
WATER LICENCE APPLICATION DRAWING



APPLICANT'S DRAWING - Prepare a drawing to submit with your application. Refer to Ap ication Guidelines for a list of required elements







| (秦) | Province of Brish Columnistry of Environment, Lands and | | WATER LICENCE APPLICATION |
|--|--|-----------------------------------|--|
| | Water Management Being | COCCESSEE ESTAINES | Water Act, Section 8 |
| | PLEASE REFER TO GUIDELIN | ES WHEN COMPLETING | THIS APPLICATION |
| 1. NAME & MAII SURNAME | LING ADDRESS GIVEN NAME(S) | | FOR OFFICE USE DNLY |
| 3687 | 87-2 CANADA INC | | 11 |
| MAILING ADDRESS | . 1400 - 750 West Pend | | |
| Vanco | ouver, British Cdumbio | POSTAL CODE | MAY 2 6 2000 |
| BUSINESS/MESS | AGE PHONE # HOME PHONE # | (A)-685-0147 | 3 MAI 2 8 2000 |
| Do you hold | LICENCE / FILE NUMBERS (IF KNO | WN) CLIENT NUMBER (IF KNOWN) | AMOUNT RECEIVED THE CENT IN |
| another water Licence? | | s.21 | FILE #10 110 APPLICATION# |
| 2. PLACE OF USE | - Legal description of property where water is to | be used. | 2007aox 5 11235 0 |
| ROSE | ERS CREEK, Elevation | OPPIOX STON TO | Kogers Creek Bridge |
| | Douglas Forest Rd. | approx elemation | CELIDENTIFICATION NUMBER (PID #) |
| TENURE | Registered Owner | CERTIFICATE OF TITLE / PARC | ELIDENTIFICATION NOMBER (PID E) |
| TO LAND | NO TRALLIC . | Copy of Legal Plan attach | ned |
| (And and other section of the sectio | aim | DISCHARGES INTO | |
| - NO.00 C | and the state of t | LILLYSTEL NO | S.A. |
| 5. WORKS - Exist | ing or proposed to divert and convey water to place | e of use. | universities of the first of the first |
| | Elevation a pa | | |
| a) DIVERSION WORKS | Pump Gravity Feed | LENGTH OF PIPE | m LECO cm |
| | DINENSICH USE | m/Spilluan and | Antaka structure |
| b) STORAGE | PROPOSED RESERVOIR LOCATION LIE ADPOND ONLY | - CAVACITY ACTO | ох. 27. сос ц ⁷ |
| WORKS | VOLUME OF WATER STORED | m ³ A. = | m L. (**) ha |
| . Individual | loint work with others? Vac Will A | IF YES, WITH WHOM? | 1549-15-1-164-1-1 |
| ADDITIONAL INFORMATIO | N | lo Partially | 0.33-0.40-0.33 |
| 6. LANDS AFFECT | ED – The works will physically affect (by crossing | or flooding) the following lands: | |
| LAND DESCRIPTION | | NAME OF OWNER (INCLUDING | CROWN) |
| C2 105 T - 1000 | OF WAY FOR PRELIME | | YOWA |
| - | HOUSE FOR ATION | 10.46 Ha . (| VOUS C |
| APPLICANT / AGENT | | | DATE TO STORY |

KEEP YELLOW COPY OF THE APPLICATION AND DRAWING FOR YOUR RECORDS

OHC \$ 00265-01

ENVILP (02/96)



Province of British Columbia Ministry of Environment, Lands & Parks Water Management

ceurs

APPLICANT / AGENT'S SIGNATURE

ENV/LP (01/2000)

APPLICATION FOR A WATER LICENCE Water Act

LANDOWNER'S CONSENT FORM FOR PRIVATE LAND AFFECTED N/A

ENCLOSED [

PLEASE RETAIN A COPY OF THIS APPLICATION AND THE DRAWING FOR YOUR RECORDS

(see GUIDELINES)

ORCS 00285-01

DATE March 5, 2001

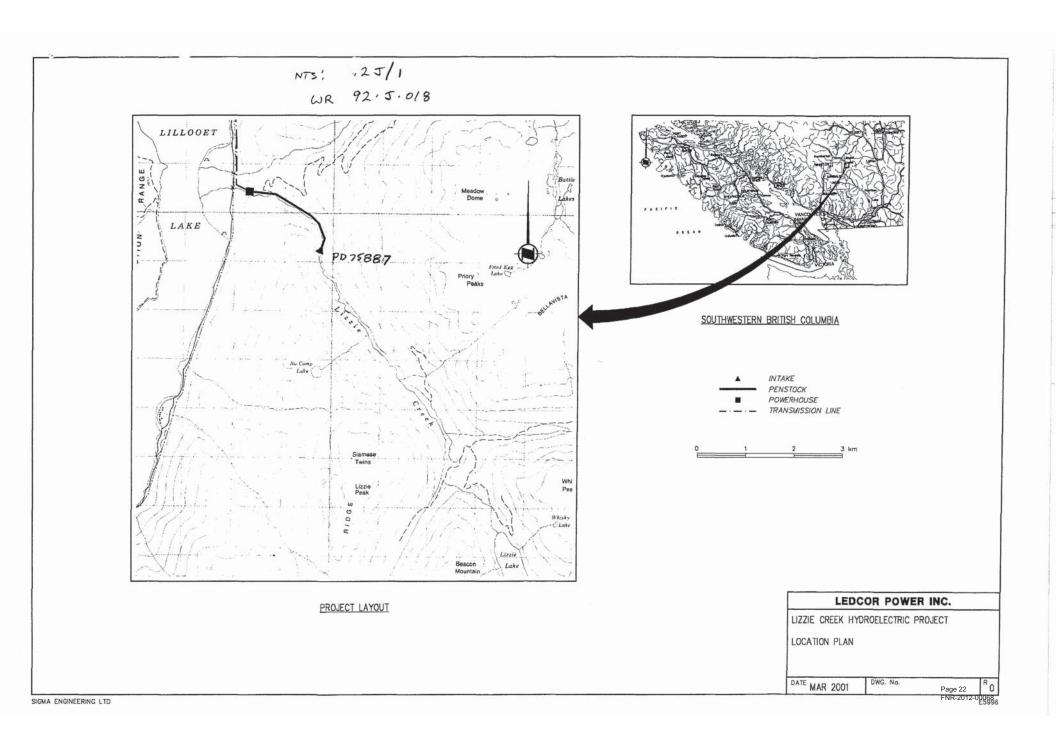
PLEASE REFER TO THE GUIDELINES WHEN COMPLETING THIS APPLICATION 1. NAME AND MAILING ADDRESS FOR OFFICE USE ONLY SURNAME GIVEN NAME(S) Date Received LEDCOR POWER INC RECEIVED WATER MANAGEMENT MAILING ADDRESS DIVISION 900 - 1066 W.HASTINGS STREET MAR - 2 2110 VANCOUVER, BC FILE: POSTAL CODE E-MAIL ADDRESS steve.davis@ledcor.com V6E 3X1 HOME PHONE **BUSINESS PHONE** FAX (604) 895 9903 (604) 681 3600 DO YOU HOLD ANOTHER WATER LICENCE NUMBER(S) CLIENT NUMBER (IF AMOUNT RECEIVED RECEIPT# WATER LICENCE? KNOWN) 233597 \$ 5000.00 NO 🗵 YES s.21 FILE# APPLICATION # 2. PLACE OF USE - Legal description of property where water is to be used. 2116053 2002450 PID# LAND DESCRIPTION - Map to follow CROWN LAND CONFIRMATION OF TENURE TO LAND ARE YOU THE REGISTERED OWNER? YES □ NO ☑ or LESSEE □ or OTHER ☑ 3. PURPOSE(S) AND QUANTITY(IES) - Please refer to Schedule 1 - Water Purpose and Application Fees DOMESTIC USE: NUMBER of dwellings N.A. OTHER USES: (circle appropriate unit) QUANTITY to be diverted _ POWER PURPOSE (General Use), 4 cubic meters per second gallons per day NUMBER of dwellings constructed [gallons acre feet cubic feet] per IRRIGATION USE: NUMBER of acres to be irrigated NUMBER of Stock TYPE of Stock 4. SOURCE OF WATER SOURCE: LIZZIE CREEK FLOWS INTO: LILLOOET LAKE 5. WORKS - Existing or prop sed to divert and convey water to place of use (must be shown on the Drawing) IF CREEK, BROOK OR RIVER, WIDTH OF SOURCE AT DIVERSION POINT 15 m LENGTH OF WORKS ON CROWN LAND LENGTH OF PIPE INTO A RIVER or LAKE a) DIVERSION PUMP ☐ OR GRAVITY FEED 图 2,000 m m, or WORKS LIST WORKS Intake, Penstock, Powerhouse, Transm. ARE ANY OF THE WORKS ON CROWN LAND? YES ☑ NO □ DO YOU REQUIRE STORAGE? YES A NO E IF YES, REFER TO SCHEDULE 2 DAM & RESERVOIR INFORMATION and b) STORAGE LIST STORAGE WORKS JOINT WITH OTHER WORKS? YES ON MO IF YES, WITH WHOM? c) ADDITIONAL A joint works agreement is recommended if part or all of your WORKS CONSTRUCTED? YES ☐ NO ☑ PARTIALLY ☐ INFORMATION proposed works will be shared with other water licence holder(s). 6. LANDS AFFECTED - If the works will physically affect (by crossing or flo NAME OF OWNER(S) (INCLUDING CROWN LAND TENURE HOLDERS) DOES NOT AFFECT PRIVATE OR CROWN LAND (Skip this section) LEGAL DESCRIPTION OF LAND AFFECTED Mainly penstock on Crown Land.



Province of British Columbia Ministry of Environment, Lands & Parks Water Management

SCHEDULE 3 POWER INFORMATION

| 1. WATER LICE | | EQUIRED IN SUPPO | ORT OF A V | VATER LI | CENCE APPLICAT | ION F | OR POWER PURPOS | DR OFFICE USE ONLY |
|--------------------------|------------------|---|------------------|---------------------------------------|---|-------|--------------------------------------|--|
| PURPOSE: | Residential | Commercial | Gener | al 🗵 | | | | Date Received |
| SURNAME LEDCOR POWE | R INC | | GIVEN NA | AME(S) | *************************************** | | REGET WATER MANAG DIVISION | VED |
| | STINGS STREET | · | | | | 1 | MAR - 2 2 | Dut |
| VANCOUVER, B | | -description | | | OSTAL CODE | 1 | FILE: | |
| HOME PHONE | SS steve.davis@l | BUSINESS PHONE | - | FA | SE 3X1 | | | 7 |
| HOWE PHONE | | (604) 895 9903 | | 100 | 04) 681 3600 | | FILE NUMBER | 2002450 |
| SOURCE(S) OF | WATER (NAME C | F STREAM WHERE | WORKS A | RE TO BE | CONSTRUCTED) | LIZZ | IE CREEK | |
| PROJECT CONS | SULTANT (IF ANY |) SIGMA ENGINEER | RING LTD | e e e e e e e e e e e e e e e e e e e | | | | |
| MAILING ADDRE | SS Suite 400 - 1 | 444 ALBERNI STREE | T, VANCO | UVER, BO | 2, | | | |
| | | | 1.00 | PC | STAL CODE | | PHONE | FAX |
| | | | | | G 2Z4 | | (604) 688 8271 | (604) 688 1286 |
| 2. GENERAL PR | ROJECT INFORM | ATION - Please com | plete entir | e section. | | | | |
| ANTICIPATED PO | OWER | MAXIMUM | 7, | 200 kw | MINIMUM | | 1,800 kw | RAGE 4,320 kv |
| MAXIMUM STRE REQUIRED | AM FLOW | FLOW RATE | | 4 m ³ /s | | | | |
| POWER PRODU | CED FOR | Indicate how the poused. Check all that | | • | a) PERSONAL USI b) SALE TO OTHE | | | YDRO & POWER AUTHORITY E |
| 3. PROPOSED V | VORKS - Please | complete where app | licable for | your proj | ect. | | | |
| a) STORAGE DA | AM | HEIGHT | m LEN | GTH | TYPES | OF C | ONSTRUCTION MATE | ERIALS |
| b) RESERVOIR | | STORAGE CAPACI | TY c | iam ³ | FLOODED AREA | ha | Schedule 2 | corporated please complete - Dam & Reservoir Information. |
| | | DESCRIPTION - L | OW OVER | | IR AND SIDESTRE | AM I | NTAKE | |
| c) INTAKE | | FISH SCREENS - I | NTEGRAL | FISH SCF | REENING | | | |
| | | OTHER FEATURES | - FISH PA | ASSAGE F | ACILITIES (IF REC | UIRE | D), FISH WATER REI | LEASE AS REQUIRED |
| | | FLUME, PIPE, TUN | NEL, ETC. | - DESCRI | PTION | | | |
| | | LENGTH | 1000 F | WIDTH/ | DIAMETER | T | DEPTH (IF FLUME) | PRESSURE RATING (IF PIPE |
| d) PENSTOCK | | | 2,000 m | | 1.2 | _ | cm | Static: 334psi or 2300 kPs |
| | | ELEVATIONS - UP | PER END 505 m | ELEVAT | IONS – LOWER EN 275 | | Elevations may the level of the t | be expressed as heights above turbine. |
| e) TURBINE | | TYPE - 1 x 7.2 MW | | as | 213 | | TING - 7.2 MW unit | BHATE! |
| f) GENERATION | | TYPE - HORIZ. SYN | CHRONOL | JS | N | RA | TING - 8 MVA, 13.8 K | v, 0.9PF, 3PHASE |
| g) TAILRACE | | FEATURES - SHOR | т | | | _ | | |
| | | DISCHARGES TO - | LILLOOET | LAKE | | | | |
| h) OTHER EQUIP | PMENT | STORAGE BATTER | IES, ETC | DESCRI | PTION - TO FOLLO | W | -110-8 - 1/2-(11-11) | |





Province of Britisl olumbia
Ministry of Environment, Lands & Parks
Water Management

APPLIC . ION FOR A WATER LICENCE Water Act

PLEASE REFER TO THE GUIDELINES WHEN COMPLETING THIS APPLICATION FOR OFFICE USE ONLY SURNAME GIVEN NAME(S) Date Received LEDCOR POWER INC RECEIVED WATER MANAGEMENT. MAILING ADDRESS DIVISION MAR - 2 2001 900 - 1066 W.HASTINGS STREET VANCOUVER, BC FILE: POSTAL CODE E-MAIL ADDRESS steve.davis@ledcor.com V6E 3X1 HOME PHONE BUSINESS PHONE FAX (604) 895 9903 (604) 681 3600 DO YOU HOLD ANOTHER WATER LICENCE NUMBER(S) CLIENT NUMBER (IF AMOUNT RECEIVED RECEIPT# 233599 WATER LICENCE? (IF KNOWN) KNOWN \$ 5000.00 YES O NO E FILE# APPLICATION # 2. PLACE OF USE - Legal descr 2002452 2116056 ription of property where water is to be used. LAND DESCRIPTION - Map to follow PID# **CROWN LAND** ARE YOU THE REGISTERED OWNER? YES □ NO ☑ or LESSEE □ or OTHER ☑ CONFIRMATION OF TENURE TO LAND 3. PURPOSE(S) AND QUANTITY(IES) - Please refer to Schedule 1 - Water Purpose and Application Fees DOMESTIC USE: NUMBER of dwellings N.A. OTHER USES: (circle appropriate unit) POWER PURPOSE (General Use). 4.1 cubic meters per second QUANTITY to be diverted gallons per day NUMBER of dwellings constructed [gallons acre feet cubic feet] per IRRIGATION USE: NUMBER of acres to be irrigated NUMBER of Stock TYPE of Stock 4. SOURCE OF WATER SOURCE: KAKILA CREEK FLOWS INTO: LILLOOET RIVER 5. WORKS - Existing or proposed to divert and convey water to place of use (must be shown on the Drawling) IF CREEK, BROOK OR RIVER, WIDTH OF SOURCE AT DIVERSION POINT 15 m LENGTH OF WORKS ON CROWN LAND LENGTH OF PIPE INTO A RIVER or LAKE a) DIVERSION PUMP ☐ OR GRAVITY FEED 图 2,000 m m, or WORKS LIST WORKS Intake, Penstock, Powerhouse, Transm. ARE ANY OF THE WORKS ON CROWN LAND? YES YOU O b) STORAGE DO YOU REQUIRE STORAGE? YES A NO M IF YES, REFER TO SCHEDULE 2 DAM & RESERVOIR INFORMATION and LIST STORAGE WORKS IF YES, WITH WHOM? JOINT WITH OTHER WORKS? YES □ NO 图 c) ADDITIONAL A joint works agreement is recommended if part or all of your WORKS CONSTRUCTED? YES □ NO ☑ PARTIALLY □ INFORMATION proposed works will be shared with other water licence holder(s). 6. LANDS AFFECTED – If the works will physically affect (by crossing or flooding) the following lands: DOES NOT AFFECT PRIVATE OR CROWN LAND

(Skip this section) NAME OF OWNER(S) (INCLUDING CROWN LAND TENURE HOLDERS) LEGAL DESCRIPTION OF LAND AFFECTED Mainly penstock on Frown Land. aus) LANDOWNER'S CONSENT FORM FOR PRIVATE LAND AFFECTED N/A (see GUIDELINES) ENCLOSED [DATE March 5, 2001 APPLICANT / AGENT'S SIGNATURE ENV/LP (01/2000) PLEASE RETAIN A COPY OF THIS APPLICATION AND THE DRAWING FOR YOUR RECORDS ORCS 00285-01



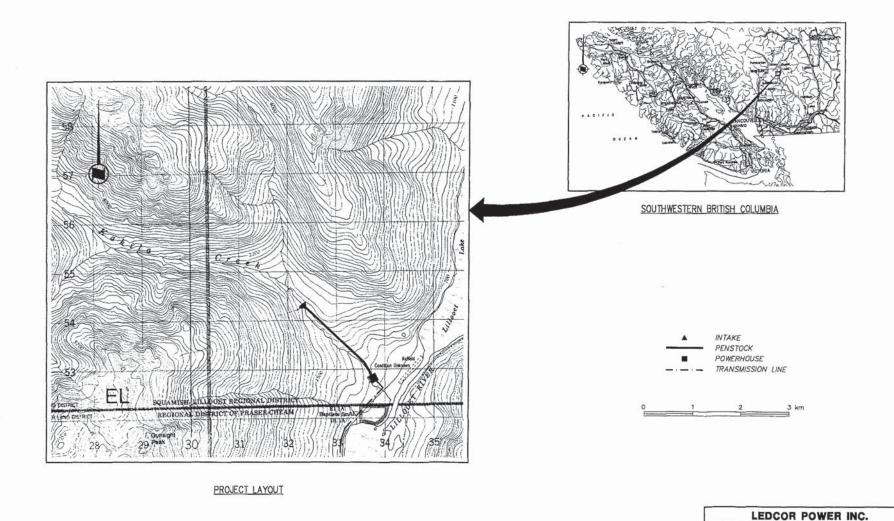
Province of British Columbia Ministry of Environment, Lands & Parks

Ministry of Environment, Lands & Park Water Management

SCHEDULE 3 POWER INFORMATION

REQUIRED IN SUPPORT OF A WATER LICENCE APPLICATION FOR POWER PURPOSE 1. WATER LICENCE PLICATION INFORMATION FOR OFFICE USE ONLY Commercial PURPOSE: Residential General 🗵 RECEIVED SURNAME GIVEN NAME(S) WATER MANAGEMENT, LEDCOR POWER INC DIVISION MAILING ADDRESS MAR - 7 7(HI) 900 - 1066 W.HASTINGS STREET VANCOUVER, BC POSTAL CODE FILE: E-MAIL ADDRESS steve.davis@ledcor.com V6E 3X1 HOME PHONE **BUSINESS PHONE** FAX FILE NUMBER 2002452 (604) 895 9903 (604) 681 3600 SOURCE(S) OF WATER (NAME OF STREAM WHERE WORKS ARE TO BE CONSTRUCTED) KAKILA CREEK PROJECT CONSULTANT (IF ANY) SIGMA ENGINEERING LTD MAILING ADDRESS Suite 400 - 1444 ALBERNI STREET, VANCOUVER, BC. POSTAL CODE PHONE V6G 2Z4 (604) 688 8271 (604) 688 1286 2. GENERAL PROJECT INFORMATION - Please complete entire section MAXIMUM MINIMUM AVERAGE ANTICIPATED POWER PRODUCTION 6,700 kw 1,675 kw 4,020 kw MAXIMUM STREAM FLOW FLOW RATE REQUIRED 4.1 m3/s POWER PRODUCED FOR Indicate how the power will be used. Check all that apply. b) SALE TO OTHERS d) SALE TO OTHER POWER AUTHORITY 3. PROPOSED WORKS - Please complete where applicable for your project. HEIGHT LENGTH TYPES OF CONSTRUCTION MATERIALS a) STORAGE DAM FLOODED AREA dam³ If a dam is incorporated please complete STORAGE CAPACITY b) RESERVOIR Schedule 2 - Dam & Reservoir Information. or m³ DESCRIPTION - LOW OVERFLOW WEIR AND SIDESTREAM INTAKE FISH SCREENS - INTEGRAL FISH SCREENING c) INTAKE OTHER FEATURES - FISH PASSAGE FACILITIES (IF REQUIRED), FISH WATER RELEASE AS REQUIRED FLUME, PIPE, TUNNEL, ETC. - DESCRIPTION LENGTH DEPTH (IF FLUME) PRESSURE RATING (IF PIPE) WIDTH/DIAMETER d) PENSTOCK 2,000 m Static: 305psi or 2100 kPa 1.2 m ELEVATIONS - UPPER END ELEVATIONS - LOWER END Elevations may be expressed as heights above the level of the turbine. 450 m TYPE - 1 x 6.7 MW HORIZ. AXIS RATING - 6.7 MW unit e) TURBINE f) GENERATION TYPE - HORIZ. SYNCHRONOUS RATING - 7.4 MVA, 13.8 Kv, 0.9PF, 3PHASE g) TAILRACE FEATURES - SHORT DISCHARGES TO -: LILLOOET RIVER STORAGE BATTERIES, ETC. - DESCRIPTION - TO FOLLOW h) OTHER EQUIPMENT

NOTE: IF SPACE IS INSUFFICIENT, PLEASE ATTACH THE REQUESTED INFORMATION IN A COVERING LETTER OR REPORT flwt/share/w/ralloc/water rights brochures/schedule 3,doc



KAKILA CREEK HYDROELECTRIC PROJECT

LOCATION PLAN

DATE MAR 2001



Province of British Jumbia Ministry of Environment, Lands & Parks Water Management

augo

APPLICANT / AGENT'S SIGNATURE

ENV/LP (01/2000)

APPLIC, ON FOR A WATER LICENCE

LANDOWNER'S CONSENT FORM FOR PRIVATE LAND AFFECTED

N/A

ENCLOSED [

PLEASE RETAIN A COPY OF THIS APPLICATION AND THE DRAWING FOR YOUR RECORDS

(see GUIDELINES)

ORCS 00285-01

DATE March 5, 2001

Water Act Water Management PLEASE REFER TO THE GUIDELINES WHEN COMPLETING THIS APPLICATION 1. NAME AND MAILING ADDRESS FOR OFFICE USE ONLY SURNAME GIVEN NAME(S) Date Received LEDCOR POWER INC RECEIVED WATER MANAGEMENT DIVISION MAILING ADDRESS MAR - 2 200 900 - 1066 W.HASTINGS STREET VANCOUVER, BC FILE POSTAL CODE E-MAIL ADDRESS steve.davis@ledcor.com V6E 3X1 HOME PHONE **BUSINESS PHONE** FAX (604) 895 9903 (604) 681 3600 DO YOU HOLD ANOTHER WATER LICENCE NUMBER(S) CLIENT NUMBER (IF AMOUNT RECEIVED WATER LICENCE? (IF KNOWN) KNOWN) \$ 5000.00 YES O NO E FILE# APPLICATION # 2002456 2. PLACE OF USE - Legal description of property where water is to be used. 2116060 LAND DESCRIPTION - Map to follow **CROWN LAND** ARE YOU THE REGISTERED OWNER? YES ☐ NO ☑ or LESSEE ☐ or OTHER ☑ CONFIRMATION OF TENURE TO LAND 3. PURPOSE(S) AND QUANTITY(IES) - Please refer to Schedule 1 - Water Purpose and Application Fees DOMESTIC USE: NUMBER of dwellings N.A. OTHER USES: (circle appropriate unit) QUANTITY to be diverted gallons per day POWER PURPOSE (General Use), 11.5 cubic meters per second NUMBER of dwellings constructed [gallons acre feet cubic feet] per IRRIGATION USE: NUMBER of acres to be irrigated NUMBER of Stock TYPE of Stock 4. SOURCE OF WATER SOURCE: BILLYGOAT CREEK FLOWS INTO: LILLOOET RIVER 5. WORKS - Existing or proposed to divert and convey water to place of use (must be shown on the Drawing) IF CREEK, BROOK OR RIVER, WIDTH OF SOURCE AT DIVERSION POINT 15 m LENGTH OF WORKS ON CROWN LAND LENGTH OF PIPE INTO A RIVER or LAKE a) DIVERSION PUMP ☐ OR GRAVITY FEED ☑ 3.000 m m, or WORKS LIST WORKS Intake, Penstock, Powerhouse, Transm. ARE ANY OF THE WORKS ON CROWN LAND? YES ☑ NO □ DO YOU REQUIRE STORAGE? YES INO I b) STORAGE IF YES, REFER TO SCHEDULE 2 DAM & RESERVOIR INFORMATION and LIST STORAGE WORKS IF YES, WITH WHOM? JOINT WITH OTHER WORKS? YES O NO E c) ADDITIONAL WORKS CONSTRUCTED? YES ☐ NO ☑ PARTIALLY ☐ A joint works agreement is recommended if part or all of your INFORMATION proposed works will be shared with other water licence holder(s). 6. LANDS AFFECTED - If the works will physically affect (by crossing or flooding) the following lands: NAME OF OWNER(S) (INCLUDING CROWN LAND TENURE HOLDERS) DOES NOT AFFECT PRIVATE OR CROWN LAND

(Skip this section) LEGAL DESCRIPTION OF LAND AFFECTED Mainly penstock/on Crown Land.



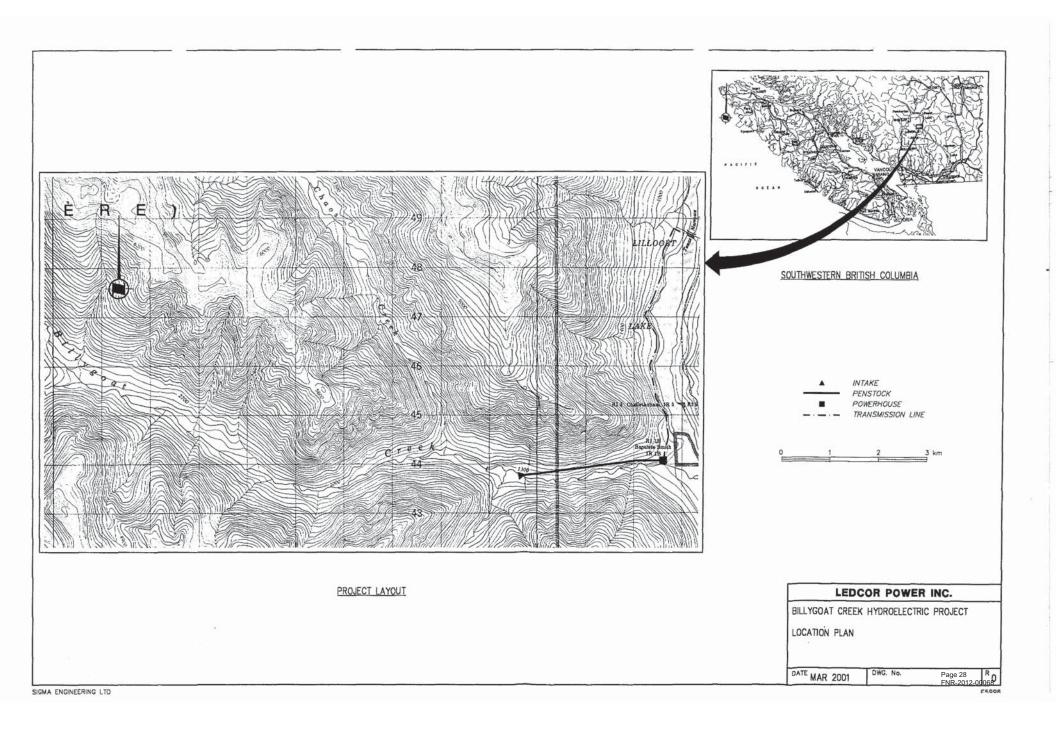
Province of British Columbia

Ministry of Environment, Lands & Parks Water Management

SCHEDULE 3 POWER INFORMATION

| | | EQUIRED IN SUPPO | ORT OF A V | WATER L | ICENCE A | PPLICATI | ON F | | | | |
|-------------------------|------------------------|--|------------------|-----------------------|-------------|-----------|-------|---------------------------------|--|-------------------------------------|--------|
| 1. WATER LIC | ENCE LICATI | ON INFORMATION | | | Princisus: | | 100 | FC | R OFFICE US | E ONLY | |
| PURPOSE: | Residential | Commercial | Gener | ral 🗷 | | | | 1 | Date Receiv | ed | |
| SURNAME LEDCOR POW | ER INC | | GIVEN N | AME(S) | | | | WATER M | EIVER ANAGEME VISION | O ENT. | |
| MAILING ADDR | RESS ASTINGS STREET | | | | | | | MAR . | 2 2001 | | |
| VANCOUVER, | | | | [P | OSTAL CO | DE | | FILE: | | -taning | |
| CANAL STORE IN COLUMN | SS steve.davis@l | edcor.com | | _ | /6E 3X1 | | | | | | |
| HOME PHONE | | BUSINESS PHONE | | _ | AX | | - | 1 | The state of the s | | |
| | | (604) 895 9903 | | 11 1935 | 604) 681 36 | 00 | | FILE NUMBER | 20024 | 56 | |
| SOURCE(S) OF | WATER (NAME C | OF STREAM WHERE | WORKS A | RE TO B | E CONSTR | UCTED) | BILL | YGOAT CREEK | *** | | |
| PROJECT CON | ISULTANT (IF ANY |) SIGMA ENGINEER | RING LTD | | | | F111 | | | | |
| MAILING ADDR | tESS Suite 400 - 1 | 444 ALBERNI STREE | T, VANCO | UVER, B | BC, | | | | | | |
| | | | | Р | OSTAL CO | DE | _ | PHONE | FA | X | |
| | | | | OF REAL PROPERTY. | 6G 2Z4 | | | (604) 688 8271 | (60 | 04) 688 1286 | |
| 2. GENERAL P | ROJECT INFORM | ATION – Please com | plete entir | e section | | | | | | | |
| ANTICIPATED F | POWER | MAXIMUM | 9, | 900 kw | MINIMUN | N | | 2,475 kw | RAGE | 5,9 | 40 kw |
| MAXIMUM STR REQUIRED | EAM FLOW | FLOW RATE | 11 | 1.5 m ³ /s | | | | | | | |
| POWER PRODI | UCED FOR | Indicate how the po used. Check all tha | | • | 100 | ONAL USE | | | | | X YTI: |
| 3. PROPOSED | WORKS - Please | complete where app | licable for | your pre | | | 7 | | | 100 | |
| a) STORAGE [| DAM | HEIGHT | m LEN | IGTH | m | TYPES | OF C | ONSTRUCTION MAT | ERIALS | | |
| b) RESERVOIF | ₹ | STORAGE CAPAC | | dam ³ | FLOOD | ED AREA | ha | If a dam is in Schedule 2 | corporated pl - Dam & Res | lease complete servoir informati | ion. |
| | | DESCRIPTION - L | OW OVER | FLOW W | VEIR AND S | IDESTRE | AM IN | ITAKE | | | |
| c) INTAKE | | FISH SCREENS - I | NTEGRAL | FISH SC | CREENING | | | | | | |
| | | OTHER FEATURES | - FISH P | ASSAGE | FACILITIE | S (IF REC | UIRE | D), FISH WATER RE | LEASE AS R | EQUIRED | |
| | | FLUME, PIPE, TUN | NEL, ETC. | - DESCR | RIPTION | | | | | | |
| d) PENSTOCK | 2 | LENGTH | 3,000 m | WIDTH | /DIAMETE | | m | DEPTH (IF FLUME) | | RE RATING (IF I | |
| | | ELEVATIONS UP | PER END 360 m | ELEVA | TIONS - LO | OWER EN | | Elevations may the level of the | | ed as heights ab | ove |
| e) TURBINE | | TYPE - 1 x 9.9 MW | HORIZ. A | XIS | 185 A - T | | RAT | ING - 9.9 MW unit | | | |
| f) GENERATIO | N | TYPE - HORIZ. SYN | CHRONO | US | | | RAT | ING - 11 MVA, 13.8 | Kv, 0.9PF, 3 | PHASE | |
| g) TAILRACE | | FEATURES - SHOP | RT | | | | - | | | | |
| | | DISCHARGES TO - | LILLOOET | RIVER | | | | | | | - |
| | | STORACE BATTER | HEC ETC | DECO | DIOTION T | 0 50110 | | | | | |

NOTE: IF SPACE IS INSUFFICIENT, PLEASE ATTACH THE REQUESTED INFORMATION IN A COVERING LETTER OR REPORT f://war/share/wtralloc/water rights brochures/schedule 3.doc





Province of British Columbia

Ministry of Environme ... Lands and Parks Water Management

WATER LICENCE APPLICATION

Water Act, Section 8

PLEASE REFER TO GUIDELINES WHEN COMPLETING THIS APPLICATION

| AWING TOR YOUR RECORDS PINR-2012-000685 50285-51 | KEEP YELLOW COPY OF THE APPLICATION AND DRAWING FOR YOUR RECORDS |
|--|---|
| DATE | ADDITIONAL AGENTS SIGNATUSE A. A. |
| | |
| OWNER (INCLUDING CHOWN) | LAND DESCRIPTION (BY CROSSON) (BY CHAND) WAME OF O |
| lowing lands: | Works constructed? Yes No— Partially 6. LANDS AFFECTED – The works will physically affect (by crossing or flooding) the following lands: |
| | rs? Yes No |
| AM HEIGHT | WORKS VOLUME OF WATER STORED D. II. |
| | PROPOSED RESERVOIR LOCATION b) STORAGE |
| | OTHER WORKS |
| F PIPE DIAMETER OF PIPE CM | a) DIVERSION Pump Gravity Feed LENGTH OF PIPE |
| FRAN LEGOUM LAKE | PROPOSED POINT OF DIVERSION LOCATION PROPOSED POINT OF DIVERSION LOCATION PROPOSED POINT OF DIVERSION LOCATION |
| | |
| ESINTO CILLOCOST LAKE | UNNAMED CREEK DISCHARGES INTO |
| | |
| SEW SI | RECTRICITY GENERATION |
| Copy of Legal Plan attached | TO LAND LESSEE OTHER: Copy of I |
| TE OF TITLE / PARCEL IDENTIFICATION NUMBER (PID #) | TENURE Registered Owner |
| | of Lover Charles |
| SOUTH | UNOCCUPIED CROWN |
| FILE # APPLICATION # | E—Legal description of property where water is to be used. |
| FILE INC. AMOUNT RECEIVED RECEIPT # | Do you hold LICENCE FILE NUMBERS (IF KNOWN) CLIENT NUMBER (IF KNOWN) another water Yes No X |
| SC Z LOWER MAINLAND REGION | SUSINESS MESSAGE PHONE # HOME PHONE # FAX = |
| AUG - 1 2001 8/2/01 | 1450-1075 CO. GECKCHA |
| | B B.C. (L.C.)VEN NAME(S) |
| | PLEASE REFER TO GUIDELINES WHEN COMPLETING THIS APPLICATION |



Ministry of Environment, Lands and Parks Water Management

WATER LICENCE APPLICATION DRAWING

APPLICANT'S DRAWING - Prepare a drawing to submit with your application. Refer to the required drawing standards for required elements...

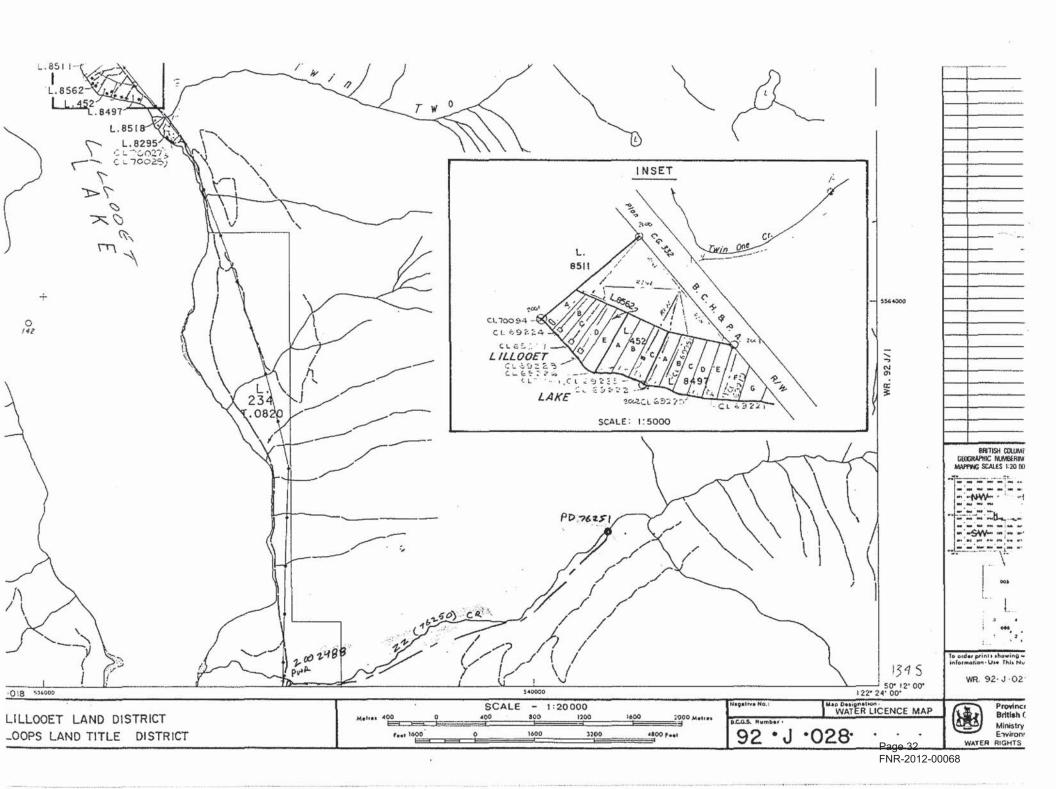
| - | Page 30 FNR-2012-00068 | Water District: Precinct: |
|--------|--|--|
| 1. VII | | Map: POD: |
| | | Land District: |
| | | The boundaries of the land to which this licence is appurtenant are shown thus |
| | | Pipe Over Crown land |
| | For Office use Only | Point of Diversion |
| | Date: 0/0+12/ | Legend: |
| | Applicant's Signature: | Scale: 1:50,000 |
| | | |
| | The state of the s | _ |
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| | Constrained State of the Constraint of the Const | |
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| | * Viversion | (Moses) |
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| _ | Milestreed wor | |
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| | | |



Province of British Columbia
Ministry of Environment, Lands & Parks
Water Management

POWER INFORMATION SCHEDULE 3

| REQUIRED IN SUPPO | QUIRED IN SUPPORT OF A WATER LICENCE APPLICATION FOR POWER PURPOSE FOR OFFICE USE ONLY |
|---|--|
| PURPOSE: Residential | rcial ロ General 日 |
| SURNAME B.C. | (HE) GIVEN NAME(S) |
| MAILING ADDRESS (1) | |
| E-MAIL ADDRESS | BUSINESS PHONE FAX POSTAL CODE 3C9 |
| HOME PHONE | NESS PHONE |
| SOURCE(S) OF WATER (NAME OF | TREAM WHERE WORKS ARE TO BE CONSTRUCTED) |
| PROJECT CONSULTANT (IF ANY) | 33 |
| MAILING ADDRESS | |
| | POSTAL CODE PHONE FAX |
| 2. GENERAL PROJECT INFORMA ANTICIPATED POWER | 2. GENERAL PROJECT INFORMATION – Please complete entire section. ANTICIPATED POWER MAXIMUM AVERAGE AVERAGE |
| MAXIMUM STREAM FLOW REQUIRED | |
| POWER PRODUCED FOR | a) Personal Use C Sale to BC Hydro & Power Authority |
| 3. PROPOSED WORKS - Please | 3. PROPOSED WORKS - Please complete where applicable for your project. |
| a) STORAGE DAM | HEIGHT TYPES OF CONSTRUCTION MATERIALS m m |
| b) RESERVOIR | STORAGE CAPACITY dam ³ or m ³ FLOODED AREA ha If a dam is incorporated please complete Schedule 2 – Dam & Reservoir Information. |
| c) INTAKE | FISH SCREENS |
| | OTHER FEATURES TEACH RACK |
| | FLUME, PIPE, TUNNEL, ETC DESCRIPTION |
| d) PENSTOCK | LENGTH 2500 m WIDTH/DIAMETER DEPTH (IF FLUME) PRESSUBE RATING (IF PIPE) kPa ELEVATIONS - UPPER END ELEVATIONS - LOWER END Elevations may be expressed as heights above |
| e) TURBINE | TYPE TO GOT RATING 5200 |
| f) GENERATION | TYPE RATING 4900 |
| g) TAILRACE | DISCHARGES TO DESCRIPTION TO THE PROPERTY OF T |
| h) OTHER EQUIPMENT | STORAGE BATTERIES, ETC DESCRIPTION |





Province of B ish Columbia

Ministry of Environment, Lands and Parks W: Management " Management

WATER LICENCE **APPLICATION**

Water Act, Section 8

| PECORDS PAGE 00068 DATE Page 38 5 | ON AND DRAWING FOR YOUR RE | KEEP YELLOW COPY OF THE APPLICATION AND DRAWING FOR YOUR RECORDS | APPLICANT / AGENT'S SIGNATURE KEEP |
|---|---|--|---|
| | | | |
| | | | |
| CROWN) | NAME OF OWNER (INCLUDING CROWN) | CE CARTY | UNEURIBIES CRANCE |
| | ing) the following lands: | ically affect (by crossing or flood | 6. LANDS AFFECTED – The works will physically affect (by crossing or flooding) the following lands: |
| | Partially | d? Yes No.X | |
| | IF YES, WITH WHOM? | thers? Yes No | c) ADDITIONAL Joint work with others? |
| m AREA OF RESERVOIR ha | DAM HEIGHT | STORED m³ | |
| | | VOIR LOCATION | b) STORAGE |
| | | | OTHER WORKS |
| m DIAMETER OF PIPE Cm | LENGTH OF PIPE | Gravity Feed | a) DIVERSION Pump - |
| Mass Lakes | | TOF DIVERSION LOCATION | PROPOSED POINT |
| | | | T MOOKO T |
| LOOGT LAKE | DISCHARGES INTO | CREEK | UNNAMED |
| | | | A SOURCE OF WATER |
| SEW S. | 10.10 | GENERATION | ELECTRICITY G |
| ned | Copy of Legal Plan attached & Application Fees | to Schedule 1 – Water Purpose ، | SE(S) & QUANT |
| | | | TO LAND LESSEE / OTHER: |
| CERTIFICATE OF TITLE / PARCEL IDENTIFICATION NUMBER (PID ≢) | CERTIFICATE OF TITLE / PARCE | er | Registered Owner |
| | • | CURRICE | of Lower |
| SOUTH | (ereal) | CROWN | UNOCCUPIED |
| OCH OIL Z 881 COTE | 9.21 | perty where water is to be used. | 2. PLACE OF USE — Legal description of property where water is to be used. |
| \$ 2800,00 BECEIPT # | EH (IF KNOWN) | LICENCE / FILE NUMBERS (IF KNOWN) CL | Do you hold LICENCE another water Yes . No X |
| FILE NO. CREAKEH 119- | | HONE # | BUSINESS / MESSAGE PHONE # HOME PHONE # |
| | VG/E 3C9 | R1 R3 | VANCOUVER |
| Alic 1 2004 | Z | U. GERGI | MAILING ADDRESS COTS CO |
| RECEIVED | | CESTVEN NAME(S) | SURNALE ROPERTS |
| FOR OFFICE INFO PAIN | WHEN COMPLETING THIS APPEN | REFER TO GOIDELINES WI | 1 NAME & MAILING ADDRESS |



Water Management Ministry of Environment, Lands and Parks

WATER LICENCE APPLICATION DRAWING

APPLICANT S DRAW 6 - Prepare a drawing to submit with your application. Refer to the required drawing standards for required elements

| Page 34 FNR-2012-00068 | Land District: Map: POD: Precinct: |
|--|--|
| | The boundaries of the land to which this licence is appurtenant are shown thus |
| For Office use Only | Point of Diversion Pipe Pipe Over Crown land |
| Date: O(OF/S) | Ω. |
| Applicant's Signature | 1:50,000 |
| Tet M | |
| S STATE OF THE PARTY OF THE PAR | |
| | |
| Powerhouse | |
| - Honstock | |
| - Viviersion | (Moct) |
| Mulaymed | |
| and a crook | |
| | _ |

| Water District: | Мар: | Land District: | The boundaries of the land to which this licence is appurtenant are shown thus | Pipe Over Crown land | Pipe | Point of Diversion |
|---------------------------|------|----------------|--|---------------------------------|------|---------------------|
| Precinct: | POD: | | d to which this licence is | And a first term to the term to | | • |
| Page 34 FNR-2012-00068 | ¥2 | | | ± € | | For Office use Only |



Province of British Columbia

Ministry of Environment, Lands & Parks Water Management

SCHEDULE 3 POWER INFORMATION

SURNAME STATO 巴 9) \$ 0 9 0 9 <u>a</u> 3. PROPOSED WORKS - Please ANTICIPATED POWER PRODUCTION 2. GENERAL PROJECT INFORMATION - Please complete entire section POWER PRODUCED FOR REQUIRED MAXIMUM STREAM FLOW MAILING ADDRESS PROJECT CONSULTANT (IF ANY) SOURCE(S) OF WATER (NAME OF MAILING ADDRESS HOME PHONE E-MAIL ADDRESS 1. WATER LICENCE PURPOSE: INTAKE Maxicour OTHER EQUIPMENT TURBINE PENSTOCK RESERVOIR STORAGE DAM TAILRACE GENERATION NOTE: IF SPACE IS INSUFFICIENT, PLEASE ATTACH THE REQUESTED INFORMATION IN A COVERING LET FRE 2018-10088 BE Residential LICATION INFORMATION REQUIRED IN SUPPORT OF A WATER LICENCE APPLICATION FOR POWER PURPOSE complete where applicable for your project. LENGTH 250 STORAGE BATTERIES, ETC. - DESCRIPTION TYPE TYPE DISCHARGES TO FEATURES ELEVATIONS FLUME, PIPE, TUNNEL, OTHER FEATURES FLOW RATE DESCRIPTION STORAGE CAPACITY THORT Indicate how the power will be used. Check all that FISH SCREENS MAXIMUM **BUSINESS PHONE** STREAM WHERE WORKS Commercial J UPPER END C) GIVEN NAME(S) 2007 3 ā ETC. - DESCRIPTION SLEZONG LENGTH 3 dam³ narro or m₃ S ELEVATION WIDTH/DIAMETER m³/s 3 ARE TO BE CONSTRUCTED) ACCA FAX 5 POSTAL POSTAL CODE General 日 5 a MINIMUM FLOODED AREA Sale to Others Personal Use OWER END TYPES OF CONSTRUCTION MATERIALS NO ところうので 3 3 RATING RATING TOR A DEPTH (IF FLUME) FILE NUMBER PHONE Elevations may be expressed as heights above the level of the turbine. 9 O If a dam is incorporated please complete Schedule 2 – Dam & Reservoir Information. FILE Sale to BC Hydro & Power Authority X Sale to Other Power Authority WATER MANAGEMENT AVERAGE Aue n 1 2001 FOR OFFICE USE ONLY Date Received PRESSURE RATING (IF PIPE) のなっていれる FAX A 3



Province of British Jolumbia Ministry of Environment, Lands & Parks Water Management

APPLIC. . ION FOR A WATER LICENCE Water Act

| 1. NAME AND MAI | LING ADDR | ESS | | | | FOR OFFICE USE ONLY | | | | |
|-------------------------------------|------------------------------------|--|-------------------|---------------|--|-------------------------------------|------------------------|--|--|--|
| SURNAME GIVEN NAME(S) | | | | | | Date Received | | | | |
| Northwest Cascade | | | | | | | | | | |
| Contact: David Aust | in | | | | | 1 | - | 5:3155 | | |
| MAILING ADDRESS | 3 | | | | | | | MINAGEMENT | | |
| | and the | | | | | 1 1 | | - 1 A S | | |
| 1710 – 1177 West H Vancouver, BC | lastings Str | eet | | | | | | | | |
| valicouver, BC | | | | POSTAL O | ODE | 1 1 | | | | |
| E-MAIL ADDRESS | | | | V6E 2L3 | | | ".E. | | | |
| HOME PHONE | | BUSINESS PHON | VE. | FAX | | 1 | | | | |
| | | (604) 683-9262 | | (604) 681- | 0139 | | | | | |
| DO YOU HOLD AND | THER | WATER LICENCE | NUMBER(S) | - | UMBER (IF | AMOUNT RE | CEIVED | RECEIPT# | | |
| WATER LICENCE? | STILL | (IF KNOWN) | - NOMBER(O) | KNOWN) | DWDEN (III | \$ 5.00 | | 252-17 | | |
| YES 🗆 NO 🗵 | | | | | s.21 | FILE# APPLI | | APPLICATION# | | |
| | - Legal desc | cription of property | where water is to | be used. | | 300 | | 2116901 | | |
| PID# | | LAND DESCRIPT | | ned | 2002560 | | | | | |
| | | MOSTLY CROWN | LAND | | | | | | | |
| | | | LOCKOLLTUR | DEDICTEDE | | D | LEGGES F | 7 eruse [7 | | |
| ONFIRMATION OF | THE RESERVE OF THE PERSON NAMED IN | CONTRACTOR OF THE PARTY OF THE | | | DOWNER? YES | | LESSEE L | or OTHER | | |
| PURPOSE(S) AN | ID QUANTIT | Y(IES) – Please refer | to Schedule 1 - | - Water Purpo | se and Application | n Fees | | | | |
| OMESTIC USE: NO | JMBER of dv | veltings N.A. | OTHER USES | : | | | | | | |
| UANTITY to be div | erted | gallons per day | POWER PUR | POSE (Gener | al Use), 10.3 cubic | meters per seco | ond | | | |
| UMBER of dwelling | | | 1 | | | | | | | |
| DDICATION LISE: | MI IMPER of | acres to be irrigated | AUJAG | CD of Stools | TYPE | 4 Ctools | | | | |
| SOURCE OF WA | | acres to be imgated. | NOIVIE | SER OF STOCK | TYPEO | I Stock | | | | |
| OURCE: TUWASI | | - 35 | | | E | OWS INTO: LI | LOCET PI | VER | | |
| SOUNCE. TOWAS | 03 CKEEK | | | | " | OWS INTO: LI | LLOOETKI | VER | | |
| . WORKS - Existing | ng or propos | sed to divert and cor | vey water to pla | ice of use (m | ust be shown on th | ne Drawing) | | | | |
| | IF CREEK | BROOK OR RIVER, | WIDTH OF SOU | RCE AT DIVE | RSION POINT | 17 m | | | | |
|) DIVERSION | DUMP FI | DD 6D41871 FFFD [| LENGTH C | F WORKS ON | CROWN LAND | LENGTH O | PIPE INTO | O A RIVER or LAKE | | |
| WORKS | PUMP ☐ OR GRAVITY FEED ☑ 0 m | | | | m, or | | | ft, | | |
| | LIST WOR | KS: Intake, Penstock | k, Powerhouse, | | ARE ANY OF TH | | | | | |
|) STORAGE | | REQUIRE STORAGE? | YES NO E | IF YES | , REFER TO SCH | EDULE 2 DAM | & RESERVO | OIR INFORMATION and | | |
| | JOINT WIT | WITH OTHER WORKS? YES □ NO 🗵 | | | IF YES, WITH W | YES, WITH WHOM? | | | | |
| information | WORKS C | ONSTRUCTED? YE | S □ NO 🗵 PA | RTIALLY 🗆 | A joint works ag | greement is rec s will be shared | ommended with other | d if part or all of your water licence holder(s | | |
| LANDS AFFECTE | ED - If the w | orks will physically | affect (by crossi | ng or floodin | | | | | | |
| | | R CROWN LAND | | | | | CROWN LA | ND TENURE HOLDERS | | |
| EGAL DESCRIPTION | | The second secon | - Chip and C | reducity | | | | | | |
| | | nd transmission line | on Crown Land | d. CF | ROWN LAND | | | | | |
| ^ | | | | | | | | | | |
| David Gusti | | | | | LANDOWNER'S CONSENT FORM FOR PRIVATE LAND AFFECTED ENCLOSED □ N/A ⊠ (see GUIDELINES) | | | | | |
| PPLICANT / AGEN | T'S SIGNAT | URE | | - | | | DATE No | vember 20, 2001 | | |
| | DIFA | E DETAIN A CODY OF | | | | | | T 0808 00386 | | |



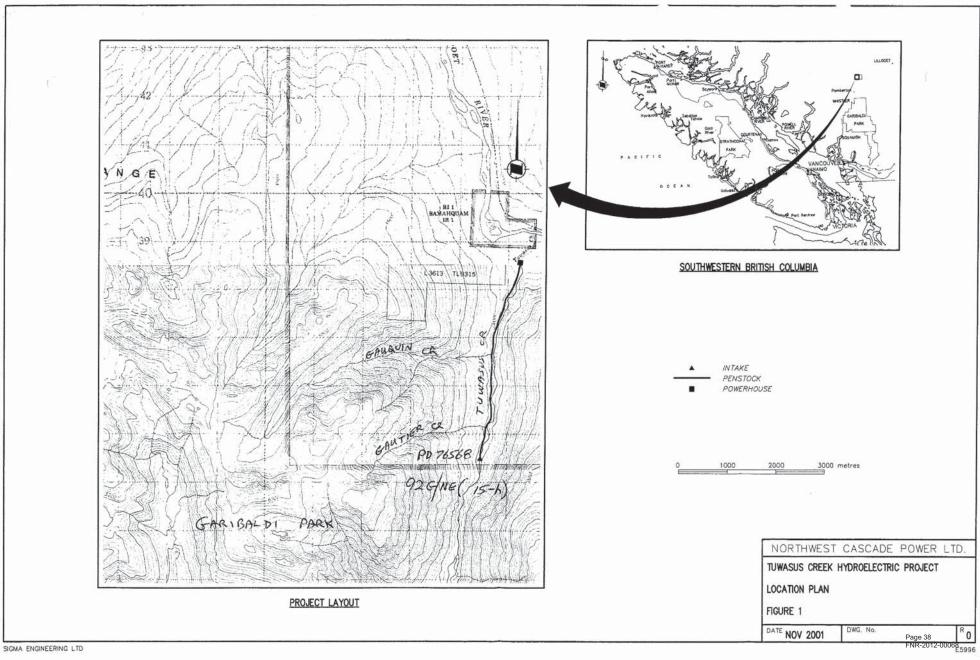
Province of British Columbia

Ministry of Environment, Lands & Parks Water Management

SCHEDULE 3 POWER INFORMATION

REQUIRED IN SUPPORT OF A WATER LICENCE APPLICATION FOR POWER PURPOSE 1. WATER LICENCE FOR OFFICE USE ONLY PLICATION INFORMATION PURPOSE: Ru .Jential Commercial General 🗹 Date Received KCZIVED SURNAME GIVEN NAME(S) VIALUR MUNACEMENT Northwest Cascade Power Ltd. L. JOION Contact: David Austin MAILING ADDRESS 1710 - 1177 West Hastings Street POSTAL CODE Vancouver, BC FRE: E-MAIL ADDRESS V6E 2L3 HOME PHONE 2002560 BUSINESS PHONE FAX FILE NUMBER 2 (604) 683-9262 (604) 681-0139 SOURCE(S) OF WATER (NAME OF STREAM WHERE WORKS ARE TO BE CONSTRUCTED) TUWASUS CREEK PROJECT CONSULTANT (IF ANY) SIGMA ENGINEERING LTD MAILING ADDRESS Suite 400 - 1444 ALBERNI STREET, VANCOUVER, BC, POSTAL CODE PHONE FAX V6G 2Z4 (604) 688 8271 (604) 688 1286 2. GENERAL PROJECT INFORMATION - Please complete entire section MAXIMUM MINIMUM **AVERAGE** ANTICIPATED POWER PRODUCTION 8,800 kW 1,900 kW 5,300 kW MAXIMUM STREAM FLOW FLOW RATE REQUIRED 10.3 m3/s POWER PRODUCED FOR Indicate how the power will be a) PERSONAL USE C c) SALE TO BC HYDRO & POWER AUTHORITY E used. Check all that apply. b) SALE TO OTHERS d) SALE TO OTHER POWER AUTHORITY 3. PROPOSED WORKS - Please complete where applicable for your project. HEIGHT LENGTH TYPES OF CONSTRUCTION MATERIALS a) STORAGE DAM FLOODED AREA If a dam is incorporated please complete STORAGE CAPACITY dam' b) RESERVOIR Schedule 2 - Dam & Reservoir Information. Or m³ DESCRIPTION - LOW OVERFLOW WEIR AND SIDESTREAM INTAKE FISH SCREENS - INTEGRAL FISH SCREENING IF NECESSARY c) INTAKE OTHER FEATURES - FISH PASSAGE FACILITIES (IF REQUIRED) PENSTOCK - DESCRIPTION LENGTH WIDTH/DIAMETER DEPTH (IF FLUME) PRESSURE RATING (IF PIPE) d) PENSTOCK 4,300 m 157 psi static 1.9 m cm ELEVATIONS - UPPER END | ELEVATIONS - LOWER END Elevations may be expressed as heights above the level of the turbine. 300 m TYPE - 1 x 8.8 MW FRANCIS TURBINE RATING - 1 x 8.8 MW unit e) TURBINE TYPE - HORIZ. SYNCHRONOUS RATING - 9.8 MVA, 13.8 kV, 0.9PF, 3PHASE f) GENERATION FEATURES - SHORT g) TAILRACE DISCHARGES TO - TUWASUS CREEK STORAGE BATTERIES, ETC. - DESCRIPTION - TO FOLLOW h) OTHER EQUIPMENT

NOTE: IF SPACE IS INSUFFICIENT, PLEASE ATTACH THE REQUESTED INFORMATION IN A COVERING LETTER OR REPORT





WATER LICENCE APPLICATION

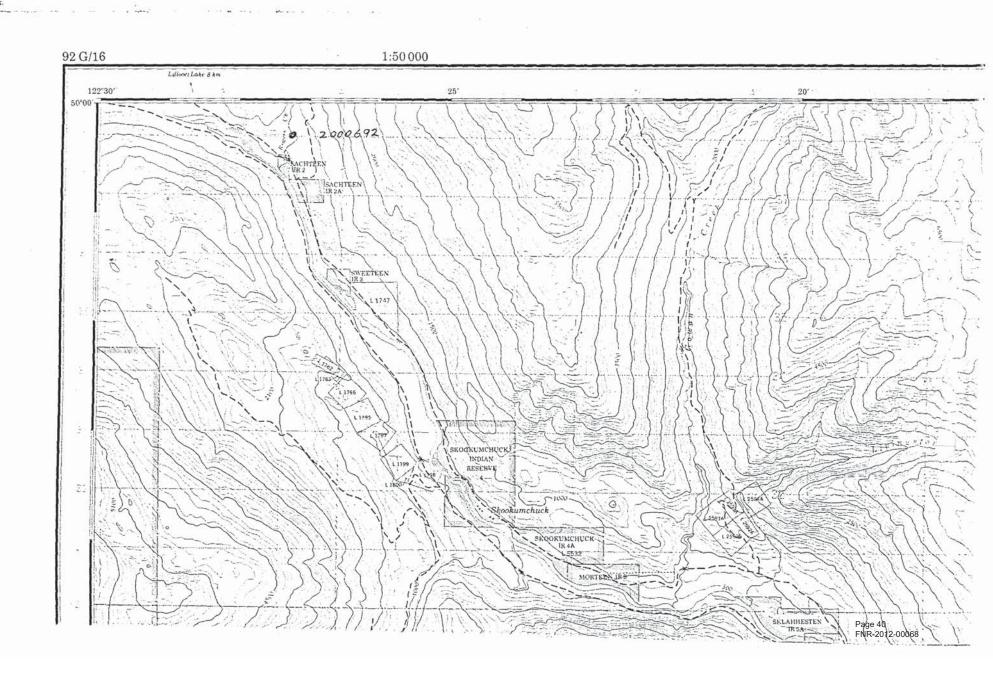
THE COURT OF STATE OF THE ACTION OF THE APPLICATION MUST BE

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dollars (\$

Page 39 FNR-2012-00068 FNR-2014-00068



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> Lat Crown ands 4959

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in the state of the Di

Intended Plant Capacity: 2,500 km Hesal: 120m The rate required: 2.6 m/5 00.500 2.6 m/s @ 0.90 ell

Sample in the Roduction and sale to 150 Hydro

Payres Pomer Capacity Fortie + 65%

on Horz them a notices height if any.

Hual . # 120 m

17. 2. ± 1200 m

indutible pour ce the and other somethetity of the set and privily status

James Hydro alundary wailath a sure heliable and come

- Paul -) Compand

ENTRAMAR LTD.

October 21 , 1990

T.l. (403) 284.0520

Fax: (403) 289, 1932

Page 41 FNR-2012-00068



COPY NO. 1

HYDROMAX ENERGY LTD. RUN-OF-RIVER POWER PROJECTS

ROGERS CREEK HYDROELECTRIC PROJECT PRELIMINARY PROJECT DEFINITION REPORT (REF. NO. VA103-113/5-1)

HYDROMAX ENERGY LTD. RUN-OF-RIVER POWER PROJECTS

PRELIMINARY PROJECT DEFINITION REPORT (REF. NO. VA103-113/5-1)

| _ | | | |
|---|------|-------------------|----------|
| | | 0 | Rev. No. |
| | | Issued for Report | Revision |
| | | June 27, 2005 | Date |
| | | 211 | Approved |

Knight Piésold Ltd.

Suite 1400 750 West Pender Street Vancouver, British Columbia Canada V6C 2T8

Telephone: (604) 685-0543 Facsimile: (604) 685-0147 E-mail: kpl@knightpiesold.com





HYDROMAX ENERGY LTD. RUN-OF-RIVER POWER PROJECTS

ROGERS CREEK HYDROELECTRIC PROJECT PRELIMINARY PROJECT DEFINITION REPORT (REF. NO. VA103-113/5-1)

TABLE OF CONTENTS



FIGURES

| Proposed Development and Construction Schedule | igure 7.1 r0 |
|--|--------------|
| Penstock and Access Roads ROW - Metes and Bounds | igure 4.7 r0 |
| Powerhouse General Arrangement | igure 4.6 r0 |
| Penstock Typical Minor Creek Crossings | igure 4.5 r0 |
| Penstock Typical Sections | igure 4.4 r0 |
| Main Intake - General Arrangement - Plan and Section | igure 4.3 r0 |
| Crown Land Use - Right of Way (ROW) - Typical Sections | igure 4.2 r0 |
| Project General Arrangement - Plan | igure 4.1 r0 |
| Watershed Features | igure 2.1 r0 |
| Project Location Map | igure 1.1 r0 |
| | |

APPENDICES

| Appendix A | Certificate of Incorporation |
|------------|---|
| Appendix B | Crown Land and Water License Applications |

Pages 46 through 69 redacted for the following reasons:

Not Responsive



APPENDIX B

CROWN LAND AND WATER LICENSE APPLICATIONS (Pages B1 – B8)



Applying for a Water Licence

Updated February 2005

THIS PAGE MUST BE COMPLETED FOR ALL APPLICATIONS.

PLEASE READ THE LWBC APPLICATION FORM GUIDE WHEN COMPLETING THIS APPLICATION.

| Design the Design of the Party | Fees | |
|---|---|--|
| Fees Received: | | THE RESERVE A STATE OF THE PARTY OF THE PART |
| Map Number: | Мар | |
| Application Number: | Appl | |
| Client Number: | Clier | |
| Water File Number: | Wat | Date Received |
| | NEY | FOR OFFICE USE ONLY |
| LICATION FOR YOUR RECORDS | PLEASE RETAIN A COPY OF THIS APPLICATION FOR YOUR RECORDS | |
| nanner convey any rights to use or occupy | In addition, the submission of this form does not in any manner convey any rights to use or occupy Crown land. | In addition, the Crown land. |
| The information you provide will be subject to the Freedom of Information and Protection of Privacy Act. If you have any questions regarding the treatment of your personal information by LWBC, please contact the Manager, Privacy, Information Access and Records Management at 250-952-6247. | The information you provide will be subject to the Freedom of Information and Protection of Priva If you have any questions regarding the treatment of your personal information by LWBC, please contact the Manager, Privacy, Information Access and Records Management at 250-952-6247. | The information If you have an contact the Ma |
| _lwbc.bc.ca/01lwbc/leg/fees.html) British Columbia Inc. | Please Enclose Appropriate fees (see Fee Schedule http://www.lwbc.bc.ca/01lwbc/leg/fees.html) NOTE: Make cheque or money order payable to Land & Water British Columbia Inc. | Please Enclose Appro NOTE: Make cheque |
| | | |
| Date | nature(s) | Applicant /Agent's Signature(s) |
| | | |
| Fax Number (604) 642 5706 (Mr. Jim Gemmill) (604) 685 0147 (Mr. Sam Mottram) | Business Phone (604) 642 5700 (Mr. Jim Gemmill) (604) 685 0543 (Mr. Sam Mottram) | Home Phone |
| | ver.com | gemmill@eatonpower.com |
| Postal Code: V6E 4H8 | | E-mail Address |
| | orgia Street | Address: 1790 – 1040 West Georgia Street Vancouver, BC |
| GST Registration Number: | BC Incorp. No., BC Registered No. or Society No.: BC0713262 | BC Incorp. No., BC Re |
| am Mottram | Contact Name of Agent (if applicable): Mr. Jim Gemmill / Mr. Sam Mottram | Contact Name of Ager |
| 2000692 | | |
| Your File Number (if applicable): | | |
| ☐ Tenants in Common | | |
| ☐ Joint Tenants; or, | td. | Hydromax Energy Ltd. |
| For applications made by more than one individual: | OR Company Name ☑ OR Society Name ☐ | Client Name OR C |
| | PART 1. NAME(S) AND MAILING ADDRESS | PART NAME(S) A |



Applying for a Water Licence - Water Act

| Name of Owner(s) including Crown land tenure holders See Figure 4.7 | | If yes to either question, provide the legal description of land affected See Figure 4.7 | question, pr | If yes to either of See Figure 4.7 | |
|--|---|--|---------------------------------|--|--|
| If Yes, PCL fee required with application | ain 🗆 | Landowner's Consent Form for private land affected Enclosed: Yes | s Consent Forr | Landowner's (Enclosed: Y | |
| Do or will the Works occupy or flood Crown land? Yes | Do or will the Works occupy or flood another person's private land? Yes Do or v | y or flood another per | Norks occup | Do or will the | |
| | CTED BY WORKS | PART 6. OTHER LANDS PHYSICALLY AFFECTED BY WORKS | ER L'ANDS | DAKE OF OUR | Inches ! |
| Use of a Joint Works Agreement is recommended if part or all of your proposed works will be shared with other water licence holder(s). Enclosed: Yes □ No □ | Use of a Joint Works Agreeme proposed works will be shared Enclosed: Yes □ No □ | Works constructed? Yes □ No ® Partially □ | Works con Yes □ N | n Additional | |
| 17 | No ⊠ If yes, with whom? | Joint with another's Works? Yes | Joint with a | | |
| http://www.lwbc.bc.ca/03water/licencing/application/docs/sched2.pdf List Storage Works: Run of River Headpond | http://www.lwbc.bc.ca/03water/licencing/application/docs/sched2.pdf List Storage Works: Run of River Headpond | Yes No 🗷 | Yes 🗆 N | b) Storage Works | 1 |
| Length of Works on Crown land: See Figure 4.1, 4.7 | No O | Crown | Are any of | | |
| Length of pipe into a river or lake measured from the high water mark:m orft | | Pump □ or Gravity Feed 図 | Pump 🗆 or | a) Diversion Works | |
| enstock | Intake structure, diversion weir, low and high pressure penstock | e structure, diversio | Intak | List Works | - |
| PARTS. WORKS-Existing of proposed to divert and convey water to place of use (works must be shown on drawing) | ver and convey water to place | | EKS-EXISH | OWN STATE | 45.00 |
| the Lillooet River | If creek, brook or river, width and depth of source at diversion point: 20 m \times 0.7 m | th and depth of source | or river, wid | If creek, brook | |
| Flows into: | | | ce: | Name of Source: Rogers Creek | |
| | | ATIER | JROE OF W | PART 4. SOURCE OF WATTER | Every |
| For Water Licence application with proposed diversion rate over 100 m³ (25,000 gallons) a day, a Development Plan must be completed. | posed diversion rate over 100 m ³ | e application with pro | For Water Licence be completed. | Note: For \ be c | |
| Type of stock: | Number of stock: | | es to be irrig | Number of acres to be irrigated: | |
| Unit | Quantity: | Unit: | | Quantity: | |
| | Stockwatering: | S | | Irrigation: | - |
| Quantity:Unit: | | 1 1 | per day or | Quantity (m ³ p Gallons) | |
| Quantity; 16 Unit: m³/s | Power Generation | | ellings: | Number of dwellings: | |
| Water.pdf.) - Water Purpose and Application Fees Other | - Please refer to Schedule to Interes | ose and Application | Water Purp | water pdf) - | Lenn |
| Client Number: | er:File Number: | water licence(s)? If yes, state Licence Number: | another water No ☑ If yes | Do you hold another water licence(s)? Yes □ No ☑ If yes, state Licer | The same of the sa |
| Are you the Registered Owner? Yes □ No ☑ Lessee □ Other □ | An applicant must have tenure to the land where water will be used. (Provide copies of Certificate of Title, Recent Tax Notice or Crown Land Tenure.) | nure to the land where ate of Title, Recent Ta | nust have tens of Certifica | An applicant n (Provide copie | |
| | y: | Civic address of the property: | Civic | | _ |
| Land description: Crown Land (See attached Figures 1.1, 2.1, 4.1, 4.7 in Preliminary Project Definition Report) | d Figures 1.1, 2.1, 4.1, 4.7 in Pre | Crown Land (See attached | Crow | PID# | |
| ATER IS TO BE USED | PART 2 PLACE OF USE LEGAL DESCRIPTION OF PROPERTY WHERE WATER IS TO BE USED | - LEGAL DESCRIP | G=(0)=(0)S)= | PARTZ PLA | - |
| http://www.lwbc.bc.ca/03water/licencing/application/docs/app_complete_cl.pdf for additional information that must be submitted with this application. | g/application/docs/app_complete | http://www.lwbc.bc.ca/03water/licencinsubmitted with this application. | //www.lwbc.l | | |
| mpleteness Checklist at | lease refer to the Application Cor | ompleted this form, p | you have c | NOTE: Once | _ |

WATER LICENCE APPLICATION DRAWING

APPLICANT'S DRAWING – Prepare a drawing to submit with your application.

Refer to the required drawing standards for required elements.

See Fig 4.1

| Scale: | Applicant's Signature: |
|---|------------------------|
| _egend: | Date: |
| oint of Diversion | For Office use Only |
| Dipe | |
| Pipe Over Crown land | |
| The boundaries of the land to which this licence is appurtenant are shown thus measurement to the stream. | |
| _and District: | |
| Map: POD: | |
| Water District: Precinct: | |

Page 73-age B3 of B8 FNR-2012-00068



Economic Impacts or Water Licence Applications

Applications for domestic water or small irrigation purposes do not need to complete this information. (less than 6000m3 (5 AF)/year)

variety of uses please provide the following information for your water licence application In an effort to more fully appreciate the positive impacts of economic development for a wide

Capital Investment s.21

3 years) including: Capital Investment – Reflects the expenditures anticipated to be spent in the near future (next

- water licence (engineering, design, etc.) Off-site and on-site services that are directly attributable to development related to the
- Construction costs directly related to the water licence (pumps, pipes, earthworks, labour, etc.)

Permanent Jobs 2

maintenance of the ongoing water use. Use decimals where appropriate Permanent Jobs - Measure of the number of ongoing jobs created in the operating and

Land and Water British Columbia Inc. requires this information before your water licence application can be processed.



SCHEDULE 2 DAM & RESERVOIR INFORMATION

REQUIRED IN SUPPORT OF A WATER LICENCE APPLICATION FOR STORAGE PURPOSE

| I WATER LICENCE AP | 1. WATER LICENCE APPLICATION INFORMATION | | FOR OFFICE | E USE ONLY |
|---|---|--|-----------------------------------|------------------------------|
| SURNAME Hydromax Energy Ltd. | GIVE | GIVEN NAME(S) Contact: Jim Gemmill, President | Date R | |
| MAII ING ADDRESS | | | | |
| 1790 - 1040 West Georgia Street | jia Street | | | Į. |
| Vancouver, BC | | POSTAL CODE | | |
| E-MAIL ADDRESS gemmill@eatonpower.com | nill@eatonpower.com | V6E 4H8 | | . 10.7 100 |
| HOME PHONE | BUSINESS PHONE | FAX | | 1 |
| | 604 642 5700 (Mr. Jim Gemmill) | iii) 604 642 5706 | FILE NUMBER | |
| SOURCE(S) OF WATER | (NAME OF STREAM WHERE W | KS ARE | | - |
| Rogers Creek | | | | |
| PROJECT CONSULTANT | 1 | The Water Management Branch may recommend that the dam | recommend that the dar | n be designed by, and |
| Knight Piésold Ltd. | | constructed under the supervision of, a Professional Engineer registered in the province of BC. | a Professional Engineer | registered in the |
| MAILING ADDRESS | | | | |
| Suite 1400 - 750 West P | Suite 1400 - 750 West Pender Street, Vancouver, British Columbia | h Columbia | | |
| Contact Person: Mr. Samuel Mottram, P.Eng | muel Mottram, P.Eng | POSTAL CODE | PHONE | FAX |
| | | V6C 2T8 | 604 685 0543 | 604 685 0147 |
| 25 PROPOSEDAWORKS | 一 班 | Stease Complete from 2 where applicable to you project. IS THE DUGOUT CONSTRUCTED IN THE STREAM CHANNEL OR OFF STREAM? In Stream. | OFF STREAM? In Stre | am |
| 1. DUGOUT/POND | STORAGE CAPACITY | LENGTH | WIDTH | MAX. DEPTH |
| | 0 m³ (live storage) | Headpond approx. 40 m | Headpond approx. 50 m | 3 m |
| 2. DAM/RESERVOIR | NOTE PLEASE ATTACH A | LEASE ATTACH A DETAILED PLAN FOR (a) THROUGH (d) BELOW SHOWING CROSS SECTIONS AND PLAN VIEWS OF THE PROPOSED DAM/RESERVOIR STRUCTURE | R STRUCTURE | CROSS SECTIONS |
| | HEIGHT | LENGTH | CREST WIDTH | |
| | Diversion weir approx. 3 m | Diversion weir approx. 20 m | Earth emb | Earth embankment approx. 5 m |
| a) STORAGE DAM | TYPE OF CONSTRUCTION MATERIALS | ATERIALS | | |
| | Rubber dam with earth embankments | nkments | | |
| | STORAGE CAPACITY | dam ³ | FLOODED AREA | |
| b) RESERVOIR | | 2000 m ³ | | approx. 0.5 ha |
| | Land tenure where works are to be constructed and/or flooded, owned by: | | See Figure 4.7 (Crown La | and unless otherwise noted) |
| | DESCRIPTION/TYPE: Rubbe | Rubber Dam / Concrete Weir | | |
| c) SPILLWAY | DESIGN FLOW | 1:200 year flood event | FREEBOARD | 0.5 m |
| d) LOW LEVEL | DESCRIPTION/TYPE: Outlet | Outlet Pipe / Sluice Gate | | |
| OUTLET (SI LIICEWAY) | NUMBER OF SEEPAGE COLLARS | ARS | CONTROL WORKS USED | JSED |
| | | | Orifice or Gate Controlled Outlet | rolled Outlet |
| S SINEANITATION S | EVITEOWINIOR/NATION | 3. STREAM HYDROLOGY FLOW INFORMATION | | |

- 3 If the stream is perennial or flows intermittently, please provide a low flow assessment (for filling and maintaining reservoirs) and a high flow assessment (for determining dam design flood) and/or a complete hydrological assessment in support of your application.
- 3 estimate of high flows in support of your application. If the stream flow is ephemeral in nature (i.e., flows only during wet periods or during spring runoff), please provide an estimate of the drainage areas above the dam or dugout location, an adequate summary of any measured stream flow information available and/or an

If you have any questions concerning the hydrology of your stream (source), please contact your local Water Management Office for more detailed information.

4. HISH POND PERMIT

information. If you intend to place or maintain fish in your dugout or reservoir, you must obtain a Private Fish Pond permit or Commercial Fish Farm Licence. Please contact the nearest office of BC Environment's Fish and Wildlife Branch or the Ministry of Agriculture, Fisheries and Food for more

NOTE: IF SPACE IS INSUFFICIENT, PLEASE ATTACH THE REQUESTED INFORMATION IN A COVERING LETTER OR REPORT



SCHEDULE 3 POWER INFORMATION

REQUIRED IN SUPPORT OF A WATER LICENCE APPLICATION FOR POWER PURPOSE

| DISCHARGES TO Rogers Creek STORAGE BATTERIES, ETC. – DESCRIPTION Batteries, HPU, MCC, Electrical Cabinets, etc. |
|---|
| TYPE Direct Coupled Synchronous RATING 2 x 13.8 kV |
| RATING |
| ELEVATIONS – LOWER END approx. 120 m (MSL) |
| WIDTH/DIAMETER not yet designed |
| TUNNEL, ETC DESCRIPTION 1500 m HDPE LPC Pipe & 200 m Steel High Pressure |
| OTHER FEATURES Bypass IFR, scour sluice gate, control house and equipment |
| FISH SCREENS Trash racks and/or other fish screens, if required |
| DESCRIPTION Reinforced concrete diversion weir with Coanda screens, reinforced concrete retaining walls, earth embankments, sediment trap, isolating gate |
| FLOODED AREA approx. 0.5 ha |
| approx. 40 m Reinforced Concrete & Earth Embankments |
| d. PROPOSED WORKS - Please complete where applicable for your project. |
| a) PERSONAL USE b) SALE TO OTHERS |
| |
| MINIMUM |
| |
| POSTAL CODE V6C 2T8 |
| |
| |
| |
| SOURCE(S) OF WATER (NAME OF STREAM WHERE WORKS ARE TO BE CONSTRUCTED) |
| FILE NUMBER |
| |
| |
| |
| GIVEN NAME(S) Contact: Mr. Jim Gemmill, President |
| PURPOSE: Residential ☐ Commercial ☐ General ☑ Date Received |



Applying for a Crown Land Tenure

Updated February 2005

THIS PAGE MUST BE COMPLETED FOR ALL APPLICATIONS.

PLEASE READ THE LWBC APPLICATION FORM GUIDE WHEN COMPLETING THIS APPLICATION.

| PART 1 NAME/S AND MAILING ADDRESS | |
|---|--|
| Client Name ☐ OR Company Name ☐ OR Society Name ☐ | For applications made by more than one individual: |
| Hydromax Energy Limited | ☐ Joint Tenants; or, ☐ Tenants in Common |
| | Your File Number (if applicable): |
| Contact Name of Agent (if applicable): Mr. Sam Mottram (Knight Piésold Consulting) | sold Consulting) |
| Letter of Agency attached (see Form Guide for additional information): | Yes No D |
| BC Incorp. No., BC Registered No. or Society No.: BC0713262 | GST Registration Number: |
| Age: 19 or over Yes ⊠ No □ | Canadian Citizen or Permanent Resident |
| | Yes ⊠ No □ |
| Mailing Address | |
| 1790-1040 West Georgia Street Vancouver, BC | |
| | Postal Code: V6E 4H8 |
| E-mail Address gemmill@eatonpower.com | |
| Home Phone Business Phone (604) 642 5700 (Mr. Jim Gemmill) (604) 685 0543 (Mr. Sam Mottram) | Fax Number (604) 642 5706 (604) 642 5706 |
| Applicant /Agent's Signature(s) | Date |
| | |
| NOTE: Make cheque or money order payable to Land & Water British Columbia Inc. | sh Columbia Inc. |
| PLEASE RETAIN A COPY OF THIS APPLICATION FOR YOUR RECORDS | TION FOR YOUR RECORDS |
| FOR OFFICE USE ONLY | Land File Number: |
| | Disposition ID: |
| | Client No.: |
| | Company Search (Date): |
| | Postal Check (Date): |
| | Fees Received: |

| | | 10 St. 10 | | | | OF THE PROPERTY |
|----------------|---------------------|--|-------------|-----------------|-------------------|--|
| | | | | | | The second secon |
| Fees Received: | Postal Check (Date) | Company Search (Date) | Client No.: | Disposition ID: | Land File Number: | |



Applying for a Crown Land Tenure

| PART 2 LOCATION, AREA AND PURPOSE | |
|---|---|
| Project Name: Rogers Creek Hydroelectric Project | |
| Please see attached Preliminary Project Definition Report (Figures 1.1, 2.1, 4.1, 4.7) | Permanent: 18 ha Temporary: 685 ha See Figure 4.7 |
| Land Use Purpose: | Type of Tenure |
| | ☐ Investigative permit |
| Power Generation | ☐ Temporary permit |
| | License |
| | □ Lease |
| | ☐ Statutory right-of-way |
| | ☐ Purchase |
| | |
| Period of Occupation Required 50 Years | |
| Do you hold another Crown land tenure issued through LWBC? Yes ☐ No ☑ | |
| If yes, state Type and Tenure Number: | |
| PARI S. LEGAL OR BOUNDARY DESCRIPTION | |
| For surveyed land, give legal description. For unsurveyed land, see the Application Guidebook for describe unsurveyed Crown land and provide a description of boundaries. | Buidebook for instructions to |
| Unsurveyed land – please see Fig 4.7 in Preliminary Project Definition Report | |
| | |
| | |
| NOTE: Please refer to the LWBC Inc. Requirements Checklist for the specific program (e.g., Aggregates) for additional information that must be submitted with this application. Information on each program is available at: http://www.lwbc.bc.ca/02land/tenuring/index.html or contact your LWBC office (listed in the Application Guide). | (e.g., Aggregates) for on each program is available office (listed in the Application |
| The information you provide will be subject to the Freedom of Information and Protection of Privacy Act. If you have any questions regarding the treatment of your personal information by LWBC, please contact the Manager, Privacy, Information Access and Records Management at 250-952-6247. | Protection of Privacy Act. If y LWBC, please contact the \$247. |
| In addition, the submission of this form does not in any manner convey any rights to use or occupy Crown land. | nts to use or occupy Crown |

Pages 79 through 81 redacted for the following reasons:

Not Responsive





Application Form for Crown Land and Water Licence

Land and Water British Columbia Inc.'s (LWBC) Target Turnaround Time to a Decision, from the date of acceptance of your land tenure application by LWBC, is 140 days.

A 140 day Target Turnaround Time to a Decision for a Water Licence will be implemented for applications received after April 1, 2003.

PLEASE REFER TO THE LWBC APPLICATION FORM GUIDE WHEN COMPLETING THIS APPLICATION

| Name(s) and Mail | ing Address | | FOR OFFICE USE ONLY | |
|-----------------------------------|---------------------------------|--|---|--|
| Surname | Given Name Middle | Name *Joint Tenants □ | RE Date Received! | |
| | | *Tenants in Common | DEC 2 0 2004 | |
| Company Name CCLOUDWORKS E | ☑ Society Name ☐ NERGY Inc. | Incorporation No./ Society No. BC0618367 | CLIFF/FILE No. | |
| Mailing Address | | | Land File Number: | |
| SUITE 403 1168 H | AMILTON STREET | | Water File Number: 2002404 | |
| VANCOUVER, BC | | | Applicant File Number: | |
| Postal Code: V6B 2S2 | | Postal Code: V6B 2S2 | *GST Registration Number: 8629410 | |
| E-mail Address cloudworks@clou | udworksenergy.com | | *Canadian Citizen or Permanent Resident Yes ⊠ No □ | |
| Home Phone | Business Phone (604) 633-9990 | Fax Number (604) 633-9991 | *Age: 19 or over Yes ⊠ No □ | |

*NOTE: Only applicable to land tenure applications under the Land Act (see Appendix A).

Explanation of Appendix A and Appendix B

APPENDIX A - APPLICATION FOR CROWN LAND - LAND ACT

Please proceed to Appendix A and provide all requested information if Crown land is required.

APPENDIX B - APPLICATION FOR A WATER LICENCE - WATER ACT

Please proceed to Appendix B and provide all requested information if a water licence is required.

Page 82

Note: If your proposed Works will affect Crown land (cross, occupy or flood), a Permit Over Crown Lant (PC는) ନାର୍ଷ୍ଟ୍ର be issued under the Water Act. It is necessary that you contact LWBC in order to determine the appropriate authorization

| 4 | Land and V. ter British Columbia Inc. |
|---|---|
| | A corporation of the government of British Columbia |

| FO | FFICE USE ONLY | |
|---------------------|-----------------|--|
| Amount Received: \$ | Receipt Number: | |
| Land File Number: | | |

| The programs are listed at http://lwbc.bc.ca/applying_for_land/online_application.htm | |
|--|----------------------------------|
| Part 1. Location, Area and Purpose Location of Crown land The land adjacent to the left shore of Gowan Creek between 1.5 km and 6 km up from | Area in Hectares: 464 ha |
| its confluence with Lillooet River as well as the portion of land on the right shore of Livingstone Creek 2.3 up from its confluence with Lillooet River. | |
| Intended land use and period of occupation required. | |
| Type: lease ⊠ purchase □ licence □ temporary permit □ statutory right-of-way | |
| Water intakes structures in Gowan and Livingstone Creeks / Buried low pressure cor powerhouse and switchyard site / distribution powerline Design life of 40 years | nduit and high pressure penstock |
| Letter of Agency attached: Yes ☐ No ☒ (see Form Guide for additional information) | |
| Do you hold another Crown land tenure? Yes X If yes, state Type and Tenure Number - Power General Douglas Creek La | and Act Licence no. 238935 |
| No | |
| | |
| Part 2. Legal or Boundary Description | |
| Part 2. Legal or Boundary Description A) If surveyed, give legal description | |
| | |
| | |
| | |
| | |
| | and provide a description of |

Pages 84 through 93 redacted for the following reasons:

Not Responsive



Application Form for Crown Land and Water Licence

Land and Water British Columbia Inc.'s (LWBC) Target Turnaround Time to a Decision, from the date of acceptance of your land tenure application by LWBC, is 140 days.

received after April 1, 2003. A 140 day Target Turnaround Time to a Decision for a Water Licence will be implemented for applications

PLEASE REFER TO THE LWBC APPLICATION FORM GUIDE WHEN COMPLETING THIS APPLICATION

| Name(s) and Mailing Address | | FOR OFFICE USE ONLY |
|---|--|--|
| Surname Given Name Middle Name | Name *Joint Tenants | A Hadrisber Hadrisber H |
| | *Tenants in Common | DEC 2 0 2004 |
| Company Name ⊠ Society Name □ CLOUDWORKS ENERGY Inc. | Incorporation No./ Society No. BC0618367 | CLIFF/FILE No. |
| Mailing Address | | Land File Number: |
| SUITE 403 1168 HAMILTON STREET | | Water File Number: 2002405 |
| VANCOUVER, BC | | Applicant File Number: |
| | Postal Code: V6B 2S2 | *GST Registration Number: 862941044 |
| E-mail Address cloudworksenergy.com | | *Canadian Citizen or Permanent Resident Yes ⊠ No □ |
| Home Phone Business Phone (604) 633-9990 | Fax Number (604) 633-9991 | *Age: 19 or over Yes ⊠ No □ |
| *NOTE: Only applicable to lead to use applications under the fond Action Appendix A | under the land Act (see Ann | andin A |

Only applicable to land tenure applications under the Land Act (see Appendix A).

Explanation of Appendix A and Appendix B

APPENDIX A - APPLICATION FOR CROWN LAND - LAND ACT

Please proceed to Appendix A and provide all requested information if Crown land is required

APPENDIX B - APPLICATION FOR A WATER LICENCE - WATER ACT

Please proceed to Appendix B and provide all requested information if a water licence is required

Note: If your proposed Works will affect Crown land (cross, occupy or flood), a Permit Over Crown Land (PCL) may be issued under the Water Act. It is necessary that you contact LWBC in order to determine the appropriate authorization for occupying Crown la とは 2408613

Applicant /Agent's Signature

WP FILC COPY

Land Application Fee Enclosed
Water Application Fee Enclosed

Date December 10, 2004

PLEASE RETAIN A COPY OF THIS APPLICATION FOR YOUR RECORDS



| ount Received: \$ Receipt Number | | Land File Number: |
|----------------------------------|--------------|--------------------|
| | Receipt Numb | mount Received: \$ |

APPENDIX A - APPLICATION FOR CROWN LAND - LAND ACT

NOTE: Once you have completed this form, please refer to the Land and Water British Columbia Inc. Requirements Checklist for the specific program (e.g., Aggregates) for additional information that must be submitted with this application.

The programs are listed at http://lwhc.bc.ca/applying for land/online application htm.

| | The programs are listed at http://www.bc.bc.ca/applying for land/ordine application.html. | |
|---------------------------------|---|------------------------------------|
| Part 1. Location The lan measur | Location, Area and Purpose to Crown land adjacent to the left shore of Rogers Creek between km 0.7 and km 7.2 as red from its confluence with Lillooet River. | Area in Hectares: 492 ha or km: |
| Typ | Intended land use and period of occupation required. Type: lease ☑ purchase ☐ licence ☐ temporary permit ☐ statutory right-of-way ☐ | |
| Wa | ĕ | e penstock / powerhouse and |
| Des | Design life of 40 years | |
| Lett | Letter of Agency attached: Yes ☐ No ☒ (see Form Guide for additional information) | |
| Do | Do you hold another Crown land tenure? Yes 🔃 If yes, state Type and Tenure Number - Power General Douglas Creek Land Act Licence no. 238935 | d Act Licence no. 238935 |
| | No | |
| Part 2. | 2. Legal or Boundary Description If surveyed, give legal description | |
| | | |
| B) | If unsurveyed, please see below for instructions to describe unsurveyed Crown land and provide a description of boundaries. | d provide a description of |
| | Point of Commencement: The left foreshore of Rogers Creek at a point 85 metres upstream from its confluence with Lillooet River Commencing at post planted | s upstream from its confluence |
| | Then 90 metres in an Az 325 degrees direction; then 6172 metres in an Az 10 degrees direction; | 0 degrees direction; |
| | Then 753 metres in an Az 100 degrees direction; then 6923 metres in an Az 190 degrees direction; | 90 degrees direction; |
| | Then 972 metres in an Az 325 degrees direction | |

Pages 96 through 119 redacted for the following reasons:

Not Responsive



Application Form for Crown Land and Water Licence

Land and Water British Columbia Inc.'s (LWBC) Target Turnaround Time to a Decision, from the date of acceptance of your land tenure application by LWBC, is 140 days.

received after April 1, 2003. A 140 day Target Turnaround Time to a Decision for a Water Licence will be implemented for applications

PLEASE REFER TO THE LWBC APPLICATION FORM GUIDE WHEN COMPLETING THIS APPLICATION

| Name(s) and Mailing Address | | | | FOR OFFICE USE ONLY | |
|--|-------------|--|-----------|---|------|
| Surname Given Name | Middle Name | *Joint Tenants | | Date Received | |
| | | *Tenants in | | THE CENT OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TO PERSON NAMED IN | |
| | | Common | | DEC 2 0 200A | |
| Company Name ☒ Society Name ☐ CLOUDWORKS ENERGY Inc. | | Incorporation No./ Society No. BC0618367 | | LAND & WATER BRITISH COLUMBIA CLIFF/FILE No. | |
| Mailing Address | | | Land | Land File Number: | |
| SUITE 403 1168 HAMILTON STREET | | | Wat | Water File Number: 2002401 | |
| VANCOUVER, BC | | | App | Applicant File Number: | |
| | Post | Postal Code: V6B 2S2 | *GS | *GST Registration Number: 862941044 | 1044 |
| E-mail Address | | | *Car | *Canadian Citizen or Permanent Resident | ent |
| cloudworks@cloudworksenergy.com | | | ~ | Yes ⊠ No □ | |
| Home Phone Business Phone | one | Fax Number | *Age | *Age: 19 or over | |
| () (604) 633-9990 | 990 | (604) 633-9991 | ~ | Yes ⊠ No □ | É |
| *NOTE: Only applicable to land tonger application | | and and for Anna | A william | | |

Explanation of Appendix A and Appendix B

APPENDIX A - APPLICATION FOR CROWN LAND - LAND ACT

Please proceed to Appendix A and provide all requested information if Crown land is required

APPENDIX B - APPLICATION FOR A WATER LICENCE - WATER ACT

Please proceed to Appendix B and provide all requested information if a water licence is required.

Note: If your proposed Works will affect Crown land (cross, occupy or flood), a Permit Over Crown Land (PCL) may be issued under the Water Act. It is necessary that you contact LWBC in order to determine the appropriate authorization for occupying Crown land.

| December 10, 2004 | Water Application Fee Enclosed ☐ | Mh |
|-------------------|----------------------------------|------------------------------|
| Date | Land Application Fee Enclosed X | Applicant /Agent's Signature |

PLEASE RETAIN A COPY OF THIS APPLICATION FOR YOUR RECORDS

NOTE: Only applicable to land tenure applications under the Land Act (see **Appendix A**).



| Amount Received: \$ Receipt Nun | | Land File Number: |
|---------------------------------|----------------|---------------------|
| | Receipt Number | Amount Received: \$ |

APPENDIX A - APPLICATION FOR CROWN LAND - LAND ACT

| | Then 3610 metres in an Az 49 degrees direction. |
|--|--|
| 619 metres in an Az 141 degrees direction; 19 metres in an Az 321 degrees direction; | Then 443 metres in an Az 49 degrees direction; then 619 metres in an Az 14 Then 4053 metres in an Az 229 degrees direction; then 619 metres in an Az 321 |
| metres up from its confluence | Point of Commencement: A point on the right foreshore of Snowcap Creek 256 metres with the Lillooet River Commencing at post planted |
| d provide a description of | B) If unsurveyed, please see below for instructions to describe unsurveyed Crown land and provide a description of boundaries. |
| | |
| | Sun |
| d Act Licence no. 238935 | Yes X If yes, state Type and Tenure Number - Power General Douglas Creek Land Act Licence no. 238935 |
| | Letter of Agency attached: Yes ☐ No ☒ (see Form Guide for additional information) |
| ure penstock / powerhouse and | n intake structure / Tunnel / Buried low pressure c e / distribution powerline 10 years |
| | Intended land use and period of occupation required. Type: lease ☑ purchase ☐ licence ☐ temporary permit ☐ statutory right-of-way ☐ |
| Area in Hectares: <u>251 ha</u> or km: | n of Crown land richards approximately 5km from its confluence with Lillooet riton of Snowcap Creek approximately 500 metres from its confluence with straight line to a point approximately 500 metres from its confluence with the River comprising predominantly on underground works. |
| | Part 1. Location, Area and Purpose |
| ia Inc. Requirements Checklist for vith this application. | NOTE: Once you have completed this form, please refer to the Land and Water British Columbia Inc. Requirements Checklist for the specific program (e.g., Aggregates) for additional information that must be submitted with this application. The programs are listed at http://lwbc.bc.ca/applying for land/online application.htm. |



OFFICE USE ONLY

Amount Received: \$

Land File Number:

Receipt Number:

APPENDIX A - APPLICATION FOR CROWN LAND - LAND ACT

| Point of Commencement: A point on the right foreshore of Snowcap Creek 350 metres up from its confluence with the Lillooet River. Commencing at post planted Then 600 metres in an Az 321 degrees direction; then 3600 metres in an Az 51 degrees direction; Then 600 metres in an Az 321 degrees direction; then 3600 metres in an Az 51 degrees direction; | | Yes X If yes, state Type and Tenure Number - Power General Douglas Creek Land Act Licence no. 238935 No D Part 2. Legal or Boundary Description | Water diversion intake structure / Tunnel / Buried low pressure conduit and high pressure penstock / powerhouse and switchyard site / distribution powerline Design life of 40 years Letter of Agency attached: Yes □ No ☒ (see Form Guide for additional information) | Intended land use and period of occupation required. Type: lease ⊠ purchase □ licence □ temporary permit □ statutory right-of-way □ | Location of Crown land Location of Crown land The portion of Snowcap Creek approximately 5km from its confluence with Lillooet River straight line to a point approximately 500 metres from its confluence with Lillooet River comprising predominantly on underground works. Area in Hectares: 225 ha or km: | |
|---|--|--|--|--|---|--|
|---|--|--|--|--|---|--|



DAM & RESERVOIR INFORMATION SCHEDULE 2

REQUIRED IN SUPPORT OF A WATER LICENCE APPLICATION FOR STORAGE PURPOSE

| d) LOW LEVEL OUTLET GATE | したので用で二〇〇一子でた | TO BE DETERMINED m //s | DESIGN FLOW | RUBBER WEIR / OVERFLOW | DESCRIPTION/TYPE | Land tenure where works are to be constructed and/or flooded, owned by: | 31,500 or m ³ | STORAGE CAPACITY dam ³ FLOODED AREA | DIVERSION | S | 3.0 m | HEIGHT LENGTH CREST WIDTH | 2. DAM/RESERVOIR NOTE: PLEASE ATTACH A DETAILED PLAN FOR (a) THROUGH (d) BELOW SHOWING CROSS SECTIONS AND PLAN VIEWS OF THE PROPOSED DAM/RESERVOIR STRUCTURE | 1. DUGOUT/POND STORAGE CAPACITY dam ³ LENGTH WIDTH MAXIMUM DEI | IS THE DUGOUT CONSTRUCTED IN THE STREAM CHANNEL OR OFF STREAM? | 2. PROPOSED WORKS - Please Complete 1 or 2 where applicable to your project. | POSTAL CODE PHONE FAX | MAILING ADDRESS | PROJECT CONSULTANT N/A The Water Management Branch may recommend that the dam be designed by, and constructed under the supervision of, a Professional Engineer registered in the province of BC. | SNOWCAP CREEK, A TRIBUTARY TO THE LILLOOET RIVER | SOURCE/S) OF WATER (NAME OF STREAM WHERE WORKS ARE TO BE CONSTRUCTED) | HONE FAX | E-MAIL ADDRESS cloudworks@cloudworksenergy.com | VANCOUVER, BC POSTAL CODE V6B 2S2 | MAILING ADDRESS SUITE 403 – 1168 HAMILTON STREET | ORKS ENERGY INC | GIVEN NAME(S) | 1. WATER LICENCE APPLICATION INFORMATION |
|--------------------------|---------------|------------------------|-------------|------------------------|------------------|---|--------------------------|--|-----------|---|-------|-------------------------------|---|---|--|--|-----------------------|-----------------|--|--|---|----------|--|-----------------------------------|--|-----------------|---------------|--|
| | | 1.5 m | | | | Crown X | 2.3 ha | | | | 4.0 m | HTCH | CROSS SECTIONS AN | MAXIMUM DEPTH | | | FAX | | esigned by, and constr | | | | | | | nacaivan | Deceived | OF LISE ONLY |

FISH POND PERMIT

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3

If you intend to place or maintain fish in your dugout or reservoir, you must obtain a Private Fish Pond permit or Commercial Fish Farm Licence. Please contact the nearest office of BC Environment's Fish and Wildlife Branch or the Ministry of Agriculture, Fisheries and Food for more information.

Note: If you have any questions concerning the hydrology of your stream (source), please contact your local Water Management Office for more detailed

If the stream flow is ephemeral in nature (i.e., flows only during wet periods or during spring runoff), please provide an estimate of the drainage areas above the dam or dugout location, an adequate summary of any measured stream flow information available and/or an estimate of high flows in support of

If the stream is perennial or flows intermittently, please provide a low flow assessment (for filling and maintaining reservoirs) and a high flow assessment (for determining dam design flood) and/or a complete hydrological assessment in support of your application.

NOTE: IF SPACE IS INSUFFICIENT, PLEASE ATTACH THE REQUESTED INFORMATION IN A COVERING LETTER OR REPORT

Pages 124 through 131 redacted for the following reasons:

Not Responsive



Applying for a Frown Land Tenure ZZ CREEK

All applications must include completed application form, general location map, local detail map, appropriate fees and attachments as indicated below.

INFORMATION REGARDING APPLYING FOR CROWN LAND AVAILABLE AT www.al.gov.bc.ca/clad/land_prog_services/programs.html

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| Applicant Name: FULL LEGAL NAME of Individual(s), Company or Society, Ministry or Government Agency Your File: Chip Ventures Ltd. | , Company or Society, Your File: | Are you an Agent submitting this application on behalf of your client? ☐ Yes ☒No Letter of Agency attached ☐ Yes ☐No |
|---|--|--|
| Contact Name for Company or Ministry Applicants: Alexi Zawadzki | nistry Applicants: | dress |
| Applicant Mailing Address:3031 Armada Street, Coquitlam, BC, | BC, | postal code |
| | postal code : V3A 3S4 | Agent Contact Numbers: |
| Applicant Contact Numbers: | | Phone: Fax: |
| Phone: 604-944-4517 Fax: 604-945-7558 Applicant Email Address: | 945-7558 | mail Address: |
| For applications made by more than one individual: Joint Tenants or Tenants on the death of one tenant the interest passes to surviving tenant. | made by more than one individual: Joint Tenants or Tenants in Joint Tenants or Tenants in Joint Tenants: on the death of one tenant the interest passes to surviving tenant. | Joint Tenants or Tenants in Common est passes to surviving tenant. |
| BC Inc. #, BC Registration # or Society #:BC0798474 | ociety #:BC0798474 | |
| Age: 19 or over ⊠Yes □No | Canadian Citizen o | Canadian Citizen or Permanent Resident ⊠Yes ☐ No |
| Do you hold another Crown land tenure? | □Yes | No If yes, provide File Number: |
| ☐ Two years or less ☐ Two to five | years ☐ Five to ten years ☐ | Two years or less ☐ Two to five years ☐ Five to ten years ☐ Ten to thirty years ☒ More than thirty years |
| Application Type: ☐ new applicat ☐ investigative | tion ⊠ replacement applicatic permit application | new application ⊠ replacement application – file number _See attached letter investigative permit application ☐ amendment application – file number |
| Proposed Use/Tenure Type: (e.g. powerline right of way, gravel quarry licence): _water power | powerline right of way, gravel | quarry licence): _water power |
| FOR OFFICE USE ONLY | | |
| R (date/time received) | File Number: | Project Number: |
| JAN 11 2008 INTEGRATED LAND MANAGEMENT BUREAU Ministry of Agriculture and Lands Log No. 188 St. Log | Disposition ID: | Client Number: |
| 1115-00-411 | | |

@1:00pm

PLEASE SELECT APPROPRIATE PROPOSED LAND USE

| Aggregates & Quarry \$1,060.00 Agriculture – Intensive \$ 265.00 Agriculture - Extensive \$ 265.00 Aliport – private *\$50 per hour process time Type 1 (minor) \$1,060.00 Type 2 (major) contact FrontCounter BC | www.al.gov.bc.ca/clad/land_prog_services/programs.html www.al.gov.bc.ca/clad/land_prog_services/programs.html www.al.gov.bc.ca/clad/land_prog_services/programs.html Contact FrontCounter BC www.tsa.gov.bc.ca/resort_development/how_process_works/fenure_permits/tenure_permits.htm |
|---|---|
| Intensive Extensive ate | www.al.gov.bc.ca/clad/land_prog_services/programs.html www.al.gov.bc.ca/clad/land_prog_services/programs.html Contact FrontCounter BC www.tsa.gov.bc.ca/resort_development/how_process_work: /tenure_permits/tenure_permits.htm |
| Extensive | www.al.gov.bc.ca/clad/land_prog_services/programs.html Contact FrontCounter BC www.tsa.gov.bc.ca/resort_development/how_process_work: /tenure_permits/tenure_permits.htm |
| ate | Contact FrontCounter BC www.tsa.gov.bc.ca/resort_development/how_process_work/ /tenure_permits/tenure_permits.htm |
| | www.tsa.gov.bc.ca/resort_development/how_process_work: /tenure_permits/tenure_permits.htm |
| | |
| Aquaculture – Fin fish \$5,220.50 | www.al.gov.bc.ca/clad/land_prog_services/programs.html |
| Aquaculture - Shellfish \$1,272.00 | www.al.gov.bc.ca/clad/land_prog_services/programs.html |
| General | www.al.gov.bc.ca/clad/land_prog_services/programs.html |
| ☐ Commercial - Film \$530.00 fee plus \$265.00 rental | |
| | www.tsa.gov.bc.ca/adventure_tourism/ |
| ation Site | www.al.gov.bc.ca/clad/land_prog_services/programs.html |
| Community/ \$ 265.00 | www.al.gov.bc.ca/clad/land_prog_services/programs.html |
| ☐ Federal Reserves \$3,498.00 | Federal Government Only - Contact FrontCounter BC |
| ☐ Ferry Terminals *\$50 per hour process time | www.al.gov.bc.ca/clad/land_prog_services/programs.html |
| ☐ General Industrial \$ 530.00 | www.al.gov.bc.ca/clad/land_prog_services/programs.html |
| ☐ Golf Course \$3,498.00 | www.al.gov.bc.ca/clad/land_prog_services/programs.html |
| ☐ Grazing \$ 265.00 | http://www.for.gov.bc.ca/hra/grazing/ |
| ☐ Head Lease \$50 per hour process time | Contact FrontCounter BC |
| ☐ Log Handling \$1,060.00 | www.al.gov.bc.ca/clad/land_prog_services/programs.html |
| ☐ Marina \$ 530.00 | |
| ☐ Mining \$ 530.00 | www.al.gov.bc.ca/clad/land_prog_services/programs.html |
| ☐ Ocean Energy Investigative Permit \$530.00 Licence for Equipment \$530.00 | www.al.gov.bc.ca/clad/land_prog_services/programs.html |
| ☐ Oil and Gas \$ 530.00 | www.al.gov.bc.ca/clad/land_prog_services/programs.html |
| ☐ Private Moorage \$ 265.00 | www.al.gov.bc.ca/clad/land_prog_services/programs.html |
| ☐ Provincial Reserves For Pro | For Provincial Government Ministries Only |
| Utilities (Linear Use) Less than 25 Km \$1,060.00 More than 25 Km *\$50 per hour | www.al.gov.bc.ca/clad/land_prog_services/programs.html |
| ☐ Residential \$ 265.00 | www.al.gov.bc.ca/clad/land_prog_services/programs.html |
| ☐ Roadways – Public \$ 265.00 | www.al.gov.bc.ca/clad/land_prog_services/programs.html |
| ☐ Roadways – Industrial \$1,060.00 | www.al.gov.bc.ca/clad/land_prog_services/programs.html |
| er | www.al.gov.bc.ca/clad/land_prog_services/programs.html |
| Investigative Permit \$530.00 ☐ Wind Power Monitoring Towers (max 5) \$530.00 Wind Farm *\$3,408.00 | www.al.gov.bc.ca/clad/land_prog_services/programs.html |

Note: Investigative Permits (available for all program areas): \$530.00 (including GST)

Replacement Application Fees: 50% of above fee or \$212.00 (including GST), as a minimum.

Amendment Fees: Contact FrontCounter BC

To be paid at a later date

「2 (continued)

location such as a lake or mountain; location on a named road; etc.): General Location of Crown land (i.e. distance from nearest community, Indian Reserve or significant geographic

Please provide a shape file if available. See attached maps of ZZ Creek

Area in Hectares: OR length (km/m): width (km/m):

PART 3. LEGAL DESCRIPTION OR BOUNDARY DESCRIPTION

available, will confirm the dimensions of the place of use Title (CofT). A copy of the CofT must be attached to the application. A copy of your Registered Survey Plan, if Township 12 W6M Kamloops Division of Yale District Plan 18411). A legal description is found in the Certificate of If surveyed, give legal description: as provided by the local Land Title Office (e.g., Lot 1 of Section 31,

If unsurveyed: enter description of unsurveyed Crown land and description of boundaries See attached maps of ZZ Creek

Instructions to Describe Unsurveyed Crown Land

- point of land or intersection (e.g., 18 metres west of the S.E. corner of the parcel) or a readily identifiable geographic feature (e.g., a prominent The point of commencement, for unsurveyed parcels, should be described in terms of an existing survey post
- of two roads) to enable accurate location of the parcel.
- rectangular lot is formed. Boundary lines of the area must be, as much as possible, astronomically true north, south, east and west so that a
- survey of other surrounding land. east and west, then boundaries will be permitted in other directions as long as they do not interfere with the orderly Where the topographic features of the area do not allow for rectangular boundary lines running true north, south,
- parcel fronts where possible, be parallel to each other and perpendicular to the general trend of the features on which the small The side lines of small parcels fronting on lakes, rivers, tidal waters and on certain surveyed highways shall,
- beyond the near edge of the navigable channel outer ends of the side boundaries. On narrow bodies of water the outside boundary shall not normally extend shall be avoided. The outside or waterward boundary shall be a straight line or series of straight lines joining the the shore. This may be varied to suit special conditions, but encroachment on the foreshore fronting adjoining lands The sidelines for unsurveyed foreshore shall, as a general rule, be laid out at right angles to the general trend of
- 1 hectare = 2.471 acres
- 1 metre = 3.281 feet
- 100 metres x 100 metres = 10,000 square metres or 1 hectare

APPLICATION CERTIFICATION

lease refer to the specific program requirements (e.g., Aggregates, Commercial, Residential) for information that must be submitted with this application. All applications must be complete. Incomplete applications will be returned to applicant.

All of the following must be attached to or enclosed with this application form:

- attached or pay in person with debit card or cash) $oxed{oxed}$ Fees (in the amount indicated in Part 2) to **Minister of Finance** (cheque or credit card authorization form
- General Location Map(s) at a scale of 1:50,000 to 1:250,000 indicating general location of the area under application and the location of access roads, watercourses and other major landmarks
- the application area including the dimensions (in metre) and area (ha), including watercourses, district lots etc. Detailed Site Map(s) outlining in detail the area under application, showing the exact perimeter boundaries of
- requirements can be confirmed at http://www.al.gov.bc.ca/clad/land prog services/programs.html Program Specific Requirements (i.e. communication site, agriculture, industrial). Program specific

PLEASE NOTE: Additional items may be required (e.g. Advertising, Security Deposit, Proof Of Insurance, Letter Of Consent) Please consult Program Policies or contact FrontCounter BC for further information. Some items may have additional associated costs or require additional processing time.

| Applicant or Agent signature(s): |
|----------------------------------|
| |

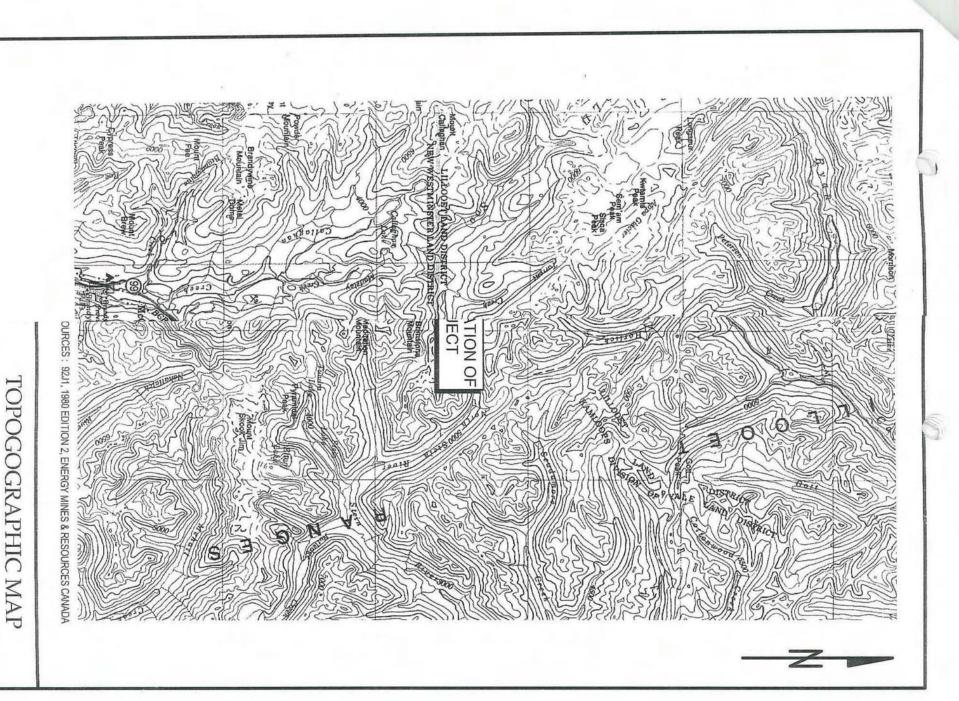
PLEASE RETAIN A COPY OF THIS APPLICATION FOR YOUR RECORDS

NOTE The information you provide will be subject to the Freedom of Information and Protection of Privacy Act. If you have any questions regarding the treatment of your personal information, please contact the Manager, Privacy, Information Access and Records Management.

The submission of this form does not in any manner convey any rights to use or occupy Crown land

www.frontcounterbc.gov.bc.ca OR Call Toll-Free 1-877-855-3222 FRONTCOUNTER BC OFFICE LOCATIONS

| 1st Floor, 3726 Alfred Avenue Smithers BC V0J 2N0 Williams Lake Ste 201, 172 North 2 nd Avenue | Ste 200, 1488 Fourth Avenue Prince George BC V2L 4Y2 Victoria Ste G7, 1001 Douglas Street Victoria BC V8W 2C5 | Ste 142, 2080 Labieux Road Nanaimo BC V9T 6J9 Surrey Ste 200, 10428 – 153 rd Street Surrey BC V3R 1E1 |
|---|--|---|
| Kamloops Ste 210, 301 Victoria Street Kamloops BC V2C 2A3 | Fort St. John Ste 100, 10003 110 th Avenue Fort St John BC V1J 6M7 | Cranbrook 1902 Theatre Road Cranbrook BC V1C 7G1 |



DATE

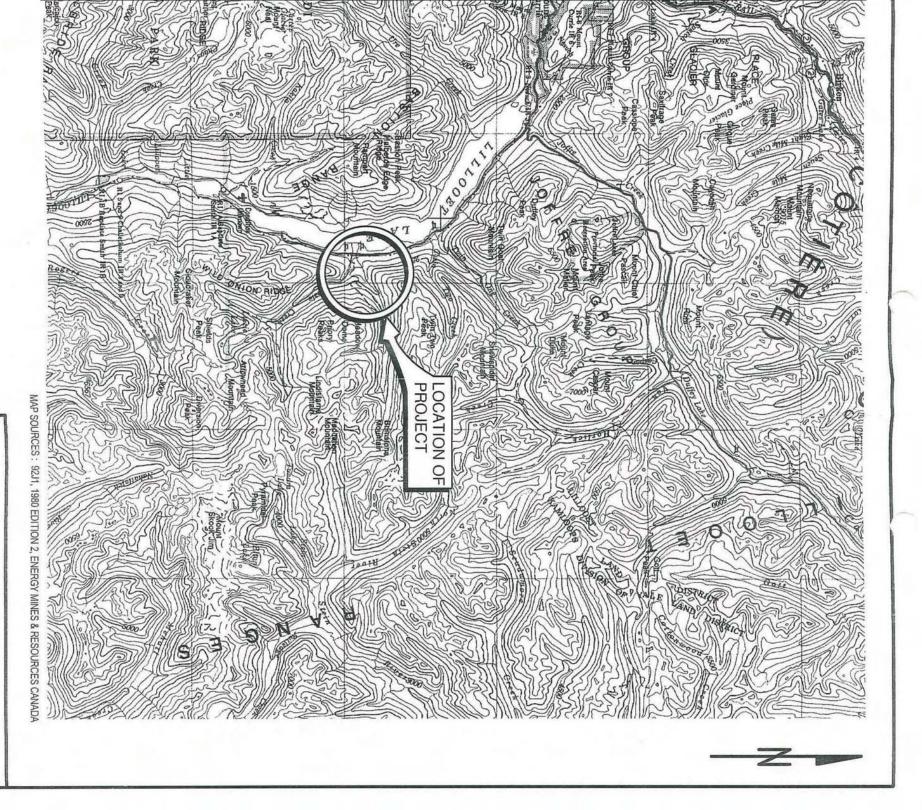
10/30/2003 SCALE

FILE REFERENCE

Z116490

574768 BC Ltd. Page 136 1:250.05NR-2012-000681 1

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TOPOGOGRAPHIC MAP

Z116490

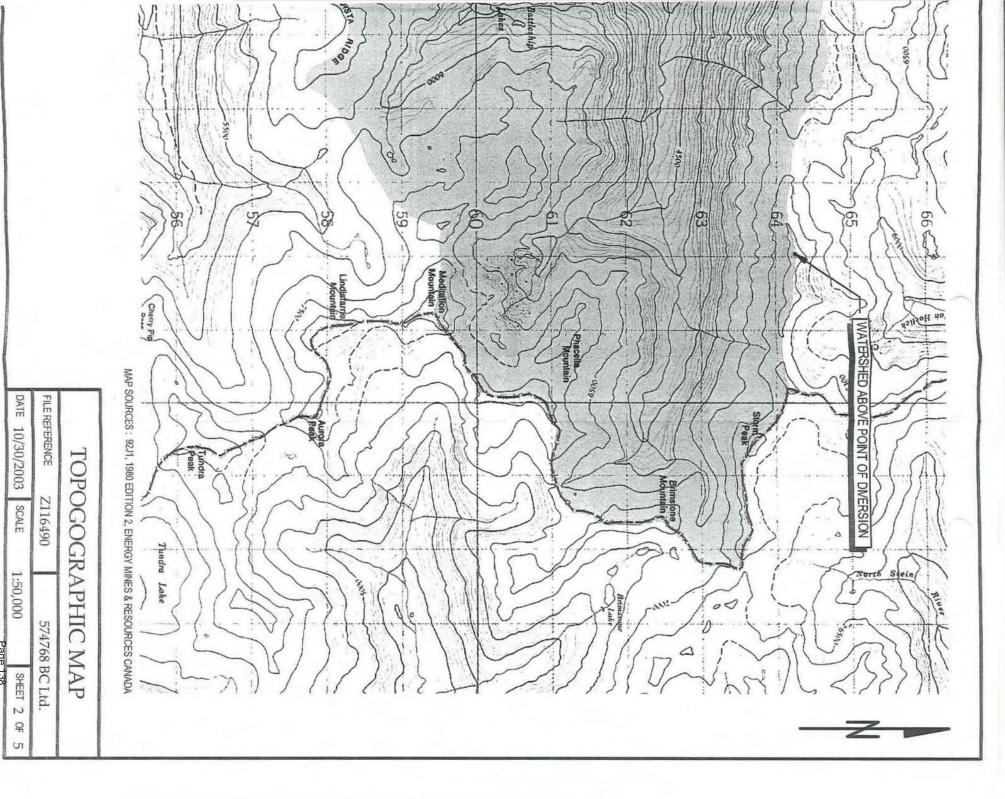
574768 BC Ltd.

Page 137 1:250.0FNR-2012-00068FT 1 유

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FILE REFERENCE



Page 138 FNR-2012-00068

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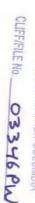
ZZ Creek Hydroelectric Project

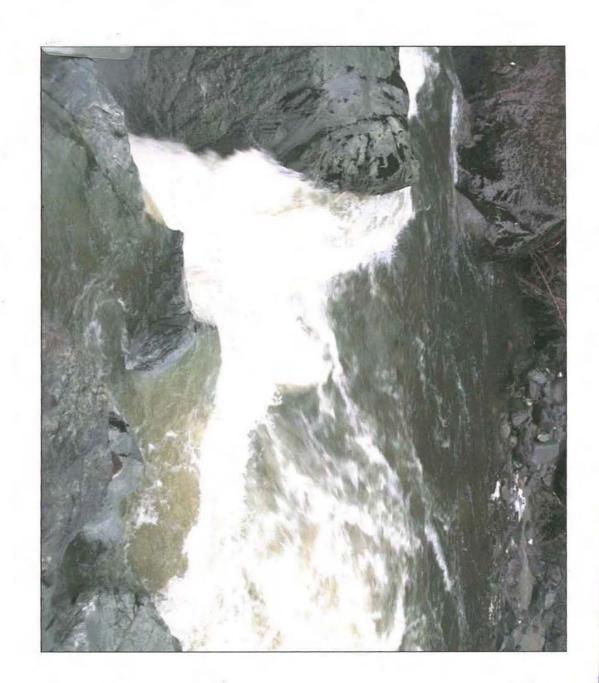
Addendum to Water Licence Application

Application for Crown Land Request for an Investigative Permit

RECEIVED

LAND & WAI EX BIGHTON COLOMBIA





Water Licence:

Z116490

October 30, 2003

Date:

Table of Contents

| 1.0 | Applic Appen | Application Form for Crown Land and Water Licence Appendix A - Application for Crown Land - Land Act |
|-----|-----------------|--|
| 3.0 | Econor | Economic Benefits Questionnaire for Development of Crown Land and Water |
| 4.0 | Reques | Request for Investigative Permit |
| 5.0 | Applic | Application Fees |
| | 5.1 | Schedule of Fees Alternative Power Projects |
| 6.0 | Mans a | Mans and Plans of the Project |
| | 6.1 | General Location Map |
| | | 6.1.1 Sheet 1 |
| | 6.2 | Topographic Maps |
| | | 6.2.1 Sheet 2 |
| | 6.3 | Plans of the Works |
| | | 6.3.1 Sheet 3 |
| | | |
| | | |
| 7.0 | Prelimi | Preliminary Project Definition |
| | 7.1 | Executive Summary |
| | 7.2 | Proponent Identification |
| | 7.3 | Project Description |
| | 7.4 | Capacity of Project |
| | 7.5 | Linkages with other Projects |
| | 7.6 | Market for Electricity from Project |
| | 7.7 | Schedule for Completion of Project |

8.0 Certificate of Incorporation

Appendix

A - LWBC letter dated August 26, 2003

Application Form for Crown Land and Water Licence



Updated July 14, 2003

Application Form for Crown Land and Water Licence

Land and Water British Columbia Inc.'s (LWBC) Target Turnaround Time to a Decision, from the date of acceptance of your land tenure application by LWBC, is 140 days.

A 140 day Target Turnaround Time to a Decision for a Water Licence will be implemented for applications received after April 1, 2003.

PLEASE REFER TO THE LWBC APPLICATION FORM GUIDE WHEN COMPLETING THIS APPLICATION

| Name(s) and Mailing Address | Address | | | FOR OFFICE USE ONLY |
|---|---------------------|-----------------|---|--|
| Surname | Given Name | Middle Name | *Joint Tenants | Date Received |
| Lee | Mang | | *Tenants in Common | NOV 1 9 2003 |
| Company Name D Society Name | ociety Name | 574768 BC Ltd. | td. | LAND & WAILK BRITISH LUCLUMBIA |
| | | | | CLIFFIFILE NO. |
| BC Incorp. No., BC Registered No. or Society No.: | gistered No. or So | ciety No.: | 574768 | |
| Mailing Address | | | | Land File Number: |
| 186 - 6200 Mckay Avenue | Avenue | | | Water File Number: |
| Burnaby, B.C. | | | | Applicant File Number: |
| | | Р | Postal Code: V5H 49M9 | *GST Registration Number: |
| E-mail Address | | | | *Canadian Citizen or Permanent Resident Yes-1 No |
| Home Phone () | Business Phone | hone | Fax Number | *Age: 19 or over Yes-M No 🏻 |
| *NOTE: Only applicab | le to land tenure a | polications und | *NOTE: Only applicable to land tenure applications under the Land Act (see Appendix A). | ndix A) |

Explanation of Appendix A and Appendix B

APPENDIX A – APPLICATION FOR CROWN LAND – LAND ACTPlease proceed to Appendix A and provide all requested information if Crown land is required.

APPENDIX B - APPLICATION FOR A WATER LICENCE - WATER ACT

Please proceed to Appendix B and provide all requested information if a water licence is required.

If your proposed Works will affect Crown land (cross, occupy or flood), a Permit Over Crown Land (PCL) may be issued under the Water Act. It is necessary that you contact LWBC in order to determine the appropriate authorization for occupying Crown land.

| Chul | Applicant /Agent's Signature |
|----------------------------------|-------------------------------|
| Water Application Fee Enclosed ☐ | Land Application Fee Enclosed |
| November 14, 2003 | Date |

PLEASE RETAIN A COPY OF THIS APPLICATION FOR YOUR RECORDS

Appendix A Application for Crown Land - Land Act



| רט אטר | FICE ONE ONLY |
|---------------------|-----------------|
| Amount Received: \$ | Receipt Number: |
| Land File Number: | |

| A | APPENDIX A - APPLICATION FOR CROWN LAND - LAND AC | ALION FOR CROWN | LAND - LA | ND ACI |
|---|---|--|---|--|
| NOTE: Once you have the specific pro | Once you have completed this form, please refer to the Land and Water British Columbia Inc. Requirement the specific program (e.g., Aggregates) for additional information that must be submitted with this application. The programs are listed at http://lwbc.bc.ca/applying_for_land/online_application.htm . | fer to the Land and Water Briti ditional information that must be oplying for land/online applic | sh Columbia In submitted with I sation.htm. | Once you have completed this form, please refer to the Land and Water British Columbia Inc. Requirements Checklist for the specific program (e.g., Aggregates) for additional information that must be submitted with this application. The programs are listed at http://lwbc.bc.ca/applying for land/online application.htm. |
| Part 1. Location, Area and Purpose | ea and Purpose | | | |
| Location of Crown land | d | | Are or I | Area in Hectares: |
| In the vicinity of a | In the vicinity of an unnamed (ZZ) Creek, about 27 km southeast of Pemberton See attached Sheets 1 and 2 for location information | ut 27 km southeast of Pembation | berton | See attached Sheet 3 |
| Intended land use and Type: lease ☐ purd | Intended land use and period of occupation required Type: lease □ purchase □ licence □ tempo | equired. temporary permit statutory right-of-way | nt-of-way | |
| Please reference attached Sheets 3 | tached Sheets 3 | | | |
| Letter of Agency attached: | Yes 🗆 | No-1 (see Form Guide for additional information) | ormation) | |
| Do you hold another Crown land tenure? | Crown land tenure? | | | |
| Yes If ye | If yes, state Type and Tenure Number | ber | | |
| No AL | | | | |
| Part 2. Legal or Boundary Description | indary Description | | | AN AND MARKET STREET, THE PARTY OF THE PARTY |
| A) If surveyed, give | If surveyed, give legal description | | | |
| B) If unsurveyed, poundaries. | If unsurveyed, please see below for instructions to describe unsurveyed Crown land and provide a description of boundaries. Please refer to attached Sheet 3 | ns to describe unsurveyed Crown la Please refer to attached Sheet 3 | own land and preet 3 | ovide a description of |
| Point of Commencement: | encement: | | | |
| Commencing at post planted | t post planted | | | |
| Then | metres in a | direction; then | metres in a | a direction; |
| then | metres in a | direction; then | metres in a | a direction. |

NOTE: Make cheque or money order payable to Land & Water British Columbia Inc. A separate cheque or money order is required if applying for a Water Licence.

Page 149 redacted for the following reason:
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A corporation of the government of British Columbia

Updated August 8, 2003

Economic Benefits for Water Licence Applications

Applications for domestic water or small irrigation purposes (less than 5 AF/year do not need to complete this information.

variety of uses please provide the following information for your water licence application In an effort to more fully appreciate the positive impacts of economic development for a wide request:

| Il Investment \$ s.21 | Capita |
|-----------------------|--------|
| \$ s.21 | |
| s.21 | 4 |
| | s.21 |

3 years) including: Capital Investment – Reflects the expenditures anticipated to be spent in the near future (next

- water licence (engineering, design, etc.) Off-site and on-site services that are directly attributable to development related to the
- Construction costs directly related to the water licence (pumps, pipes, earthworks labour, etc.)

| Permanent Jobs | |
|----------------|--|
| 1 | |

maintenance of the ongoing water use. Decimals are fine where appropriate Permanent Jobs - Measure of the number of ongoing jobs created in the operating and

requested above before your water licence application can be processed. Land and Water British Columbia Inc. requires the economic benefit information

Pages 151 through 155 redacted for the following reasons:
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LAND TENURE PURPOSE AND APPLICATION FEES (effective June 1, 2003)

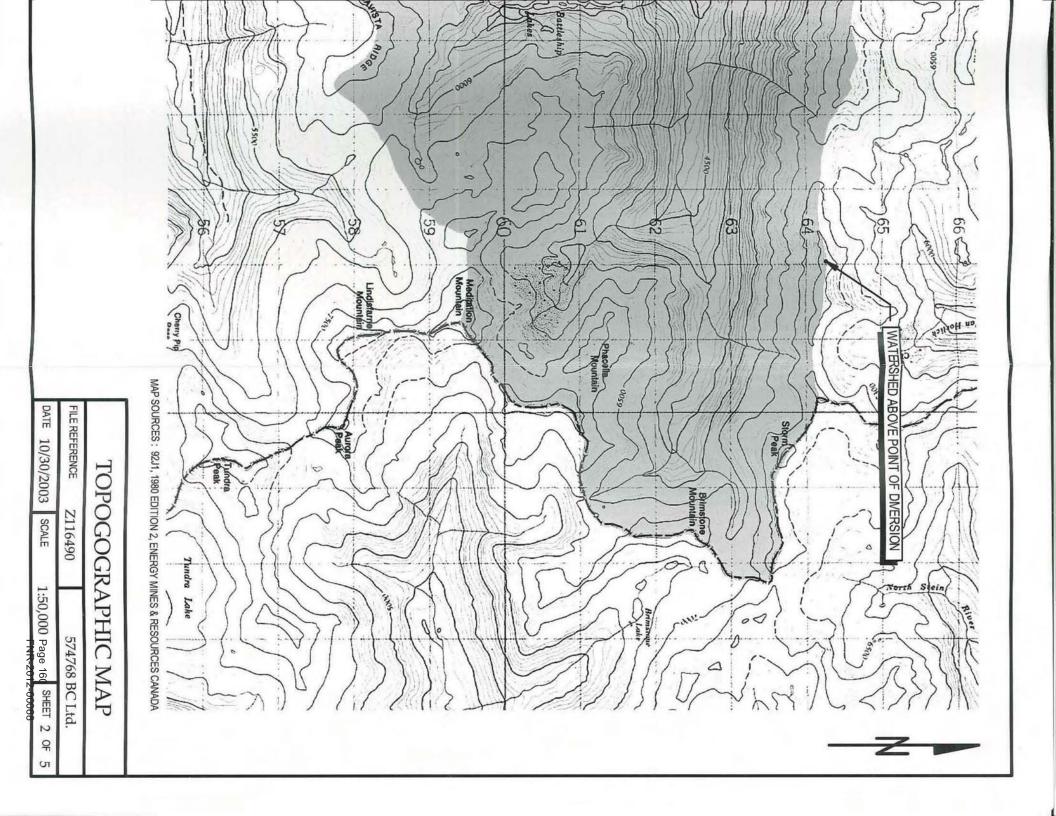
APPLICATION FEES ARE DUE WHEN THE APPLICATION IS SUBMITTED (Note: Items indicated with * are billed at a later date) (GST included where applicable)

| (updated May 30, 2003) | GOLF COURSE Application fee (\$3,300.00 + GST)\$3,531.00 |
|--|---|
| | GENERAL INDUSTRIAL Excludes log handling, quarrying, energy and mining Application fee (\$500.00 + GST)\$535.00 |
| | GENERAL COMMERCIAL Excluding film production, marinas, golf courses Application fee (\$250.00 + GST)\$287.50 |
| 50% of application fee or \$214.00 (\$200.00 + GST) whichever is more | Application fee (\$500.00 + GST)\$535.00 |
| REPLACEMENT OF TENLIRE | FILM PRODUCTION |
| Industrial use or private use, excludes ferry terminals and airports (\$1,000.00 + GST) | *Application fee |
| Public use, excluding ferry terminals and airports Application fee (\$250.00 + GST)\$267.50 | FERRY TERMINALS |
| TRANSPORTATION/ROADWAYS | Application fee (\$3,300.00 +GST) \$3,531.00 |
| Application fee (\$250.00 + GST)\$267.50 | |
| | Excludes alternative power projects Application fee (\$500.00 + GST) |
| QUARKYING (Aggregates) Application fee (\$1,000.00 + GST) | ENERGY AND MINING |
| | Application fee (\$1,000.00 + GST)\$1,070.00 |
| Linear utilities 25 km or longer *Application fee\$50.00/hr + GST of staff time minimum fee \$25.00 + GST | On and after November 1, 2003 (\$3,300.00 + GST)\$3,531.00 COMMUNICATION SITE |
| PUBLIC AND PRIVATE UTILITIES Linear utilities less than 25 km long Application fee (\$1,000.00 + GST) | |
| PRIVATE MOORAGE Application fee (\$250.00 + GST)\$267.50 | AQUACULTURE (Shellfish and Finfish) Application fee (\$4,925.00 + GST)\$5,269.75 |
| MARINA Application fee (\$500.00 + GST)\$535.00 | Includes water and wind power Application fee (\$3,300.00 + GST)\$3,531.00 |
| Application fee (\$1,000.00 + GST) | ALTERNATIVE POWER PROJECTS |
| LOG HANDLING | *Type 2 major operation\$50.00/hr + GST of staff time minimum fee \$25.00 + GST |
| INVESTIGATIVE PERMITS Application fee (\$500.00 + GST)\$535.00 | ALPINE SKIING Type 1 minor operation (\$1,000.00 + GST)\$1,070.00 |
| INSTITUTIONAL AND COMMUNITY Application fee (\$250.00 + GST)\$267.50 | Application fee |
| *Application fee\$50.00/hr + GST of staff time minimum fee \$25.00 + GST | Application fee (\$250.00 + GST)\$267.50 |
| HEAD LEASES | |
| GRAZING Application fee (\$250.00 + GST) \$267.50 | APPLICATION FEES |
| | |

Pages 157 through 158 redacted for the following reasons:
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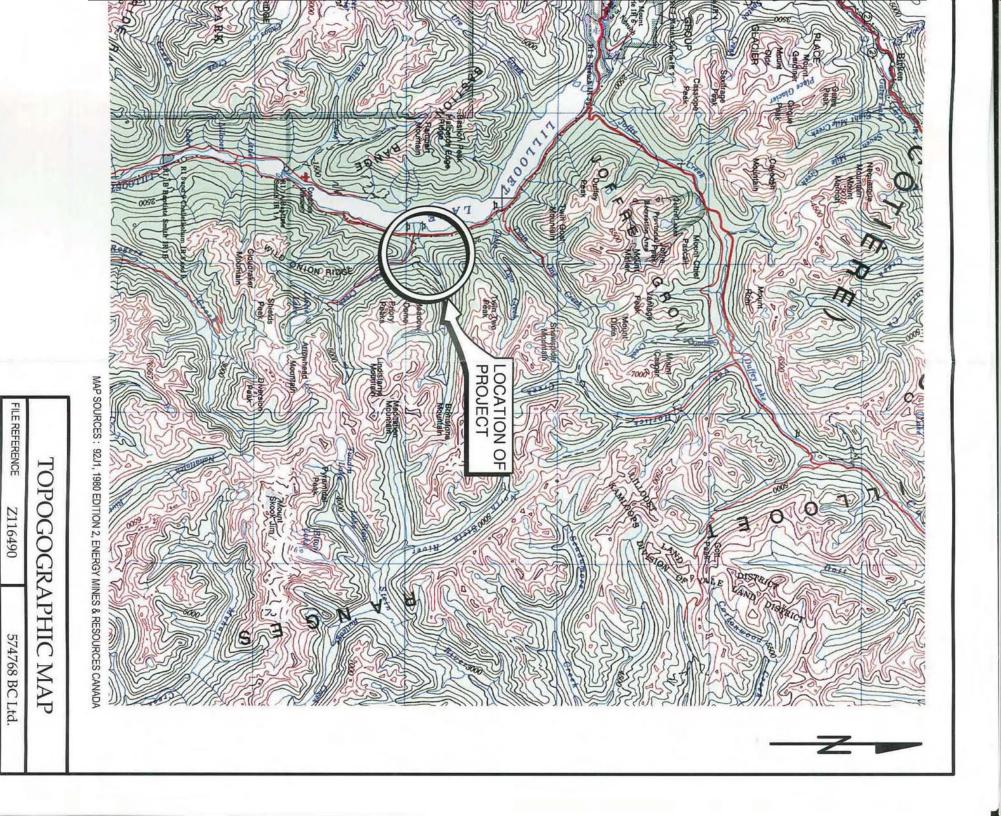
Plans and Maps of the Project

- 6.1 General Location Map
- 6.1.1 Sheet 1
- 6.2 Topographic Maps
- 6.2.1 Sheet 2
- 6.3 Plans of the Works
- Sheet 3
- 6.3.1 6.3.2 6.3.3 Sheet 4 - Intake Sheet 5 - Powerhouse



6.1 General Location Map

6.1.1 Sheet 1



DATE

10/30/2003

SCALE

1:250,000Page 162 SHEET 1

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Pages 163 through 181 redacted for the following reasons:
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Applying for 0 **Crown Land Tenure**

Updated September 2005

THIS PAGE MUST BE COMPLETED FOR ALL APPLICATIONS.

PLEASE READ THE APPLICATION FORM GUIDE WHEN COMPLETING THIS APPLICATION

| Face Received: | 6.77 |
|--|---|
| Postal Check (Date): | Log No / \ // / // // // // // // // // // // |
| Company Search (Date): | INTEGRATED LAND MANAGEMENT BUREAU |
| Client No.: | MAR 1 4 2007 |
| Disposition ID: | |
| Land File Number: | RECEIVED |
| | FOR OFFICE USE ONLY |
| CATION FOR YOUR RECORDS | PLEASE RETAIN A COPY OF THIS APPLICATION FOR YOUR RECORDS |
| nce. | NOTE: Make cheque or money order payable to the Minister of Finance |
| <u>vc.ca/01lwbc/leg/fees.html)</u> | Please Enclose Appropriate fees (see Fee Schedule http://www.lwbc.bc.ca/01lwbc/leg/fees.html) |
| | more of |
| MATTER TOF | |
| Date | Applicant /Agent's Signature(s) |
| | (007) 000 2000 |
| Fax Number (604) 646 2481 | Home Phone Business Phone |
| | E-mail Address kelly.boychuk@ledcor.com |
| Postal Code: V6C 1C7 | |
| | 1200 - 1067 West Cordova Street |
| | Mailing Address |
| Canadian Citizen or Permanent Resident Yes ⊠ No □ | Age: 19 or over Yes ⊠ No □ |
| GST Registration Number: 87413 1410 RT0001 | BC Incorp. No., BC Registered No. or Society No.: 626921 |
| Yes □ No 図 | Letter of Agency attached (see Form Guide for additional information): |
| | Contact Name of Agent (if applicable): Scott Lyons |
| Your File Number (if applicable): 2409205 (Lizzie Creek) | |
| ☐ Tenants in Common | |
| ☐ Joint Tenants; or, | Creek Power Inc. |
| For applications made by more than one individual: | Client Name ☐ OR Company Name ☑ OR Society Name ☐ |
| | TART 1. NAME(S) AND MAILING ADDRESS |

Applying for a Crown Land Tenure

| PART 2. LOCATION, AREA AND PURPOSE | |
|---|--|
| General Location of Crown land | Area in Hectares: 20.5 |
| At Lizzie Creek, approximately 30 km southeast of Pemberton, east of Lillooet Lake. | or length (km/m): |
| | width (km/m): |
| Land Use Purpose: | Type of Tenure |
| WATERPOWER PROJECT | ☐ Investigative permit |
| | ☐ Temporary permit |
| | ☐ License |
| | ☐ Lease |
| | ☐ Statutory right-of-way |
| | ☐ Purchase |
| | |
| Period of Occupation Required 40 years | |
| Do you hold another Crown land tenure? Yes ⊠ No □ | |
| If yes, state Type and Tenure Number: | |
| Land Tenure application No. 2409205 (originally applied under Ledcor Power Inc.) | |
| PART 3. LEGAL OR BOUNDARY DESCRIPTION | |
| For surveyed land, give legal description. For unsurveyed land, see the Application Guidebook for instructions to describe unsurveyed Crown land and provide a description of boundaries. | book for instructions to describe |
| | |
| See attached drawing Figure 9 Lizzie Creek Hydroelectric Project Crown Land Application Area | tion Area |
| | |
| | |
| | |
| | |
| NOTE: Please refer to the Requirements Checklist for the specific program (e.g., Aggregates) for add must be submitted with this application. | s) for additional information that |
| The information you provide will be subject to the Freedom of Information and Protection of Privacy Act. If you have any questions regarding the treatment of your personal information, please contact the Manager, Privacy, Information | tion of Privacy Act. If you have any lanager, Privacy, Information |
| In addition, the submission of this form does not in any manner convey any rights to | use or occupy Crown land. |
| In addition, the submission of this form does not in any manner convey any rights to use or occupy Crown land. | use or occupy Crown land. |

Pages 184 through 195 redacted for the following reasons:

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