PROVINCE OF BRITISH COLUMBIA
WATER ACT

BRITISH COLUMBIA
The Best Place on Earth

CONDITIONAL WATER LICENCE

The owner of the land to which this licence is appurtenant is hereby authorized to divert and use water as follows:

(a) The stream on which the rights are granted is Dasque Creek.

(b) The points of diversion on Dasque Creek is denoted as PD80551, located as shown on the plan by Sigma Engineering Ltd., drawing No. D100.

(c) The date from which this licence shall have precedence is November 1, 2006.

(d) The purpose for which this licence is issued is power (general).

(e) The maximum quantity of water which may be diverted and used under this licence is 13.0 m^3/s.

(f) Water may be diverted and used throughout the whole year while maintaining a minimum flow of 0.7 m^3/s of the Mean Annual Discharge (MAD) directly below the intake. As of the date of issuance of this licence, the MAD has been determined to be 6.5 m^3/s. The requirement for minimum flow may be subject to change in the event that additional flow data or environmental impacts warrant a review of these flows.

(g) The land upon which the water is to be used and to which the licence is appurtenant, is Unsurveyed Crown land in the vicinity of Dasque Creek on which the powerhouse generating system is located, and held under Land Act tenure file No. 6407834.

(h) The works authorized for construction are diversion structure, intake, penstock, powerhouse, tailrace, substation and switchyard which shall be located approximately as shown on the plan by Sigma Engineering Ltd., drawing No. D100.

(i) Prior to the commencement of construction authorized under clause (h) of this licence, the licensee must:

1. Prepare and submit, for acceptance by the Engineer or Regional Water Manager, an Operational Environmental Management Plan (OEMP), establishing and monitoring a base flow regime, including specifications for ramping rates, within the affected reach and below the tailrace, to meet both Federal and Provincial Fisheries requirements; and
2. Prepare and submit a draft manual that identifies the long term Operation, Procedures and Parameters Report (OPPR), including a surveillance schedule for first filing of the reservoir and an Emergency Preparedness Plan (EPP), to the satisfaction of the Engineer or Regional Water Manager; and,
3. Prepare a Construction Environmental Management Plant (CEMP) for the management and mitigation of construction impacts, to the satisfaction of the Engineer or Regional Water Manager; and,
4. Submit to the satisfaction of the Engineer or Regional Water Manager, the following:
    a. plans that show the general arrangement of works to be constructed,
    b. criteria for the design and operation of these works to be constructed,
    c. criteria for the operation of the works to be constructed, and
    d. schedule for the construction of works.
    e. final as-built drawings within one year of commissioning;
5. Ensure that the plans for the works to be constructed are signed and sealed by a Professional Engineer, (the "Design Engineer"), registered in the province of British Columbia;
6. Obtain Leave to Commence Construction (LCC), in writing, from an Engineer or the Regional Water Manager.

(j) Before submitting the information required under clause (i), the licensee must retain, to the satisfaction of the Engineer or Regional Water Manager:

- a qualified person, (the "Environmental Monitor"), who will provide services to the Regional Water Manager and other agencies, to monitor the environmental impacts from the construction of the works in accordance with the EMP;
- a Professional Engineer, (the "Independent Engineer"), registered in the province of British Columbia, who will provide services to the Engineer or the Regional Water Manager for the regulation of the construction of these works.

(k) Before commencing operation of these works authorized under clause (h), the licensee must:

- Upon acceptance of the OEMP under clause (i) by both Federal and Provincial fisheries and by the Engineer or the Regional Water Manager, implement the plan; and,
- Submit a report for acceptance by an engineer or the Regional Water Manager on the parameters and procedures for the operation of the works authorized under clause (h). These parameters and procedures shall be based on the information on the generation of electricity and the social and environmental values considered in the issuance of this licence;
- Receive leave to commence operation of these works in writing, from an Engineer or the Regional Water Manager.

(l) The licensee must operate the works authorized under clause (h) above in accordance with:

- Procedures ordered by an Engineer of the Regional Water Manager, including any order for the regulation of the diversion, rate of diversion and use of water as may be required for the preservation of fish, fish habitat as outlined in the OEMP; and
- Any amendment of the procedures ordered an Engineer or by the Regional Water Manager.

(m) Within the first year of operation the licensee must submit the final as-built drawings, signed sealed by a Professional Engineer registered in the province of British Columbia, the completed OPPR Manual and the EPP to the Engineer and the Regional Water Manager, for acceptance.

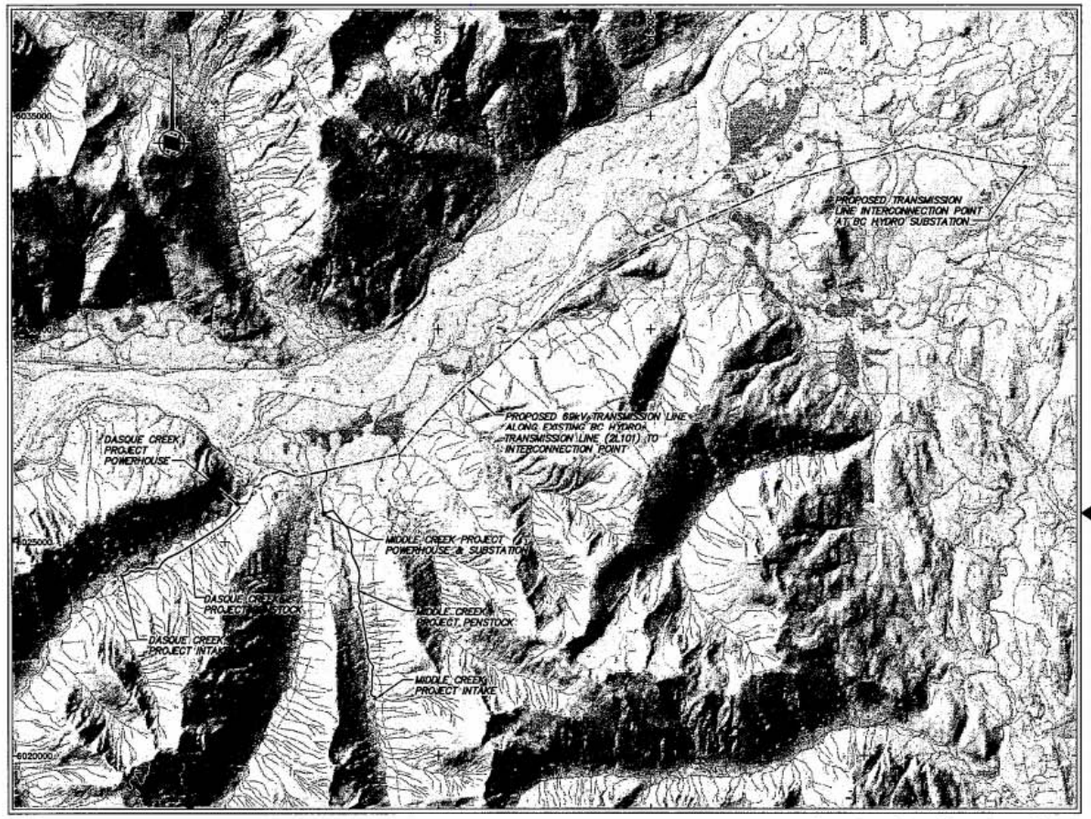
(n) The construction of the said works shall be completed and the water beneficially used prior to December 31, 2014.

(o) The term of this licence is 40 years from the date of issuance.

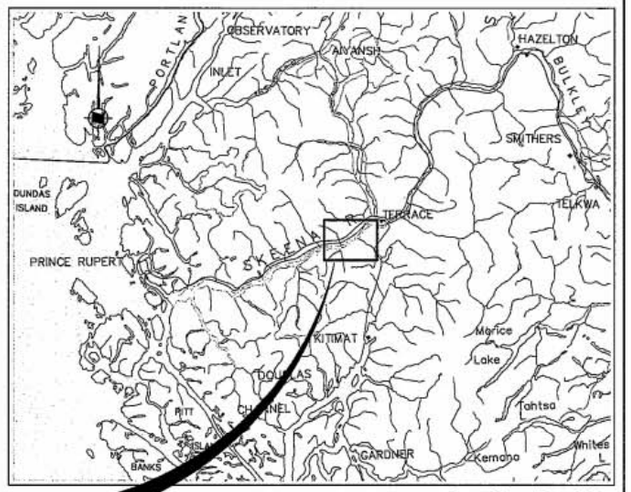
Robert Love
Regional Water Manager
Skeena Region

File: 6000731 Date issued: September 6, 2011 Licence: C126705

DASQUE CREEK HYDROELECTRIC PROJECT



LOCATION PLAN



CENTRAL WEST BRITISH COLUMBIA

DRAWING LIST

D100	LOCATION PLAN & DRAWING LIST
D120	PROJECT LAYOUT
D140–D144	MAXIMUM CLEARING EXTENTS
D150	POWERHOUSE ACCESS ROAD – PLAN & PROFILE
D200	INTAKE – SITE PLAN & SECTION 'A'
D201	WEIR – PLAN
D202	WEIR – SECTION 'B'
D203	INTAKE GALLERY – PLAN
D205	WEIR NON-OVERFLOW – SECTIONS
D206	WEIR – SECTION 'D'
D207	INTAKE – SECTIONS
D230	PENSTOCK – GENERAL ARRANGEMENT
D241	PENSTOCK – TYPICAL CROSS SECTIONS
D242	PENSTOCK – TYPICAL CROSS SECTIONS
D252	PENSTOCK – TYPICAL CREEK CROSSING – TYPE 1
D253	PENSTOCK – TYPICAL CREEK CROSSING – TYPE 2
D280	THRUST BLOCK – TYPICAL CROSS SECTIONS
D300	POWERHOUSE – SITE PLAN
D310	POWERHOUSE – PLAN
D311	POWERHOUSE – SECTION 'A'
D313	POWERHOUSE – SECTION 'D'
D314	POWERHOUSE EXCAVATION – PLAN
D315	POWERHOUSE EXCAVATION – SECTIONS
D316	POWERHOUSE EXCAVATION – SECTIONS

REV	ISSUE	DATE	REV	ISSUE	DATE	REV	DESCRIPTION	DWN	CHK	APVD	DATE	REV	DESCRIPTION	DWN	CHK	APVD	DATE
4	REVIEW	05/08/11															
3	REVIEW	08/07/11				4	DRAWING LIST UPDATED	RC	TJ		05/08/11						
2	FOR BID	14/01/11				3	DRAWING LIST UPDATED	RC	TJ		08/07/11						
1	FOR BID	15/10/10	4	GLCC	22/08/11	2	DRAWING LIST UPDATED	DGC	TJ		14/01/11						
0	REVIEW	01/04/10	4	REVIEW	10/08/11	1	DRAWING LIST UPDATED	RC	TJ		15/10/10						

SIGMA ENGINEERING

DRAWN	DGC
DESIGNED	VC/TJ
CHECKED	VC/GSM
INSPECTED	
APPROVED	

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA V. CANCAR #27045

SWIFT POWER LIMITED PARTNERSHIP

DASQUE CREEK HYDROELECTRIC PROJECT

LOCATION PLAN & DRAWING LIST

PROJECT	E6210
SCALE	AS SHOWN
DATE	MAR 2010
DRAWING NO.	D100
REV	4
SHEET	1 OF 1