

# ALASKA HYDRO CORPORATION

# MANAGEMENT'S DISCUSSION AND ANALYSIS

FOR THE YEARS ENDED

DECEMBER 31, 2011 AND 2010

As at April 30, 2012

Management's Discussion and Analysis For the Years ended December 31, 2011 and 2010 (In US Funds, unless otherwise indicated)

The following management's discussion and analysis is for the years ended December 31, 2011 and 2010. This MD&A is as of April 30, 2011.

### INTRODUCTION

The discussion and analysis of the operating results and financial position of Alaska Hydro Corporation ("the Company") should be read in conjunction with the attached Consolidated Financial Statements and related Notes (the "Financial Statements"), These consolidated financial statements have been prepared by management in accordance with Canadian generally accepted accounting principles as set out in the Handbook of the Canadian Institute of Chartered Accountants ("CICA Handbook"). In 2010, the CICA Handbook was revised to incorporate International Financial Reporting Standards ("IFRS"), and require publicly accountable enterprises to apply such standards effective for years beginning on or after January 1, 2011. Accordingly, we have commenced reporting on this basis in these consolidated financial statements. In these consolidated financial statements and in this MD&A, the term "Canadian GAAP" refers to Canadian GAAP before the adoption of IFRS. This discussion and analysis may contain forward-looking statements about the Company's future prospects, and the Company provides no assurance that actual results will meet management's expectations. Additional information relating to the Company is available on SEDAR at www.sedar.com and at www.alaskahydro.com.

### **DESCRIPTION OF BUSINESS**

The Company was incorporated on October 16, 2006 (as Project Finance Corp.) under the British Columbia Business Corporations Act. Effective September 3, 2010, Project Finance Corp. changed its name to "Alaska Hydro Corporation". The Company commenced trading on the TSX Venture Exchange (the "TSX-V") as a Tier 2 Issuer on September 8, 2010 under its new name and trading symbol "AKH".

On September 3, 2010 the Company completed the acquisition of Cascade Creek LLC ("Cascade"), which reflects the shareholders of Cascade owning approximately 80% of the common shares of the Company. This transaction has been accounted in accordance with IFRS 2, "Share Based Payments". The equity accounts have been presented as a continuation of Cascade.

The Cascade Creek project is comprised of a proposed 70 MW lake syphon hydro electric facility connecting Swan Lake to a powerhouse and a transmission line to a location near Petersburg, Alaska, USA. The project is estimated to generate an approximate average of 204 GW.h per year of renewable energy plus some storage capacity. The Cascade Creek project is part of the Thomas Bay project initiative, which consists of three potential hydro electric facility sites – Cascade Creek, Ruth Lake, and Scenery Lake that would all share transmission lines from Thomas Bay to Petersburg, Alaska.

The Company is in the development stage and its continuing operations are dependent upon its ability to develop the hydro electric project, to raise sufficient financing and to obtain the required licenses from the US Federal Energy Regulatory Commission ("FERC"). Upon receiving the FERC license, the Company may proceed to complete and construct the hydro electric project and to ultimately generate income and cash flows from operation of the project. The outcome of these matters cannot be predicted at this time.

On September 3, 2010 the Company completed its previously announced Qualifying Transaction. The Company acquired all of the issued and outstanding units of Cascade by issuing an aggregate of 23,761,458 common shares and 6,238,542 special warrants at a deemed price of \$0.08 per common share or special warrant, as the case may be. Each special warrant is convertible into one common share for no additional consideration. Cascade and the Company are at arm's length, accordingly the Qualifying Transaction was not a "Non-Arm's Length Qualifying Transaction". Upon completion of the Qualifying Transaction, the Company changed its name to "Alaska Hydro Corporation".

Management's Discussion and Analysis For the Years ended December 31, 2011 and 2010 (In US Funds, unless otherwise indicated)

#### **DESCRIPTION OF BUSINESS (Continued)**

Of the 23,761,458 common shares and 6,238,542 special warrants issued to the Vendors, an aggregate of 12,530,359 common shares are held in value escrow pursuant to the policies of the TSX-V at December 31, 2011. The remaining common shares subject to escrow will be released in 15% tranches in 6 month intervals thereafter commencing September 7, 2011. Of these securities, 6,000,000 common shares issued to certain of the Vendors are also subject to a performance escrow agreement.

Upon completion of the Qualifying Transaction, Cascade became a wholly-owned subsidiary of the Company, and the Company will carry on the business of Cascade. Further information regarding the business of Cascade can be found in the Company's filing statement which is available at www.sedar.com.

Concurrently with the closing of the Qualifying Transaction, the Company completed a financing (the "Brokered Financing") of 6,983,500 units ("Units") of the Company at a price of C\$0.16 per Unit for aggregate proceeds of C\$1,117,360. Each Unit is comprised of one Common Share of the Company and one Warrant. Each Warrant entitles to holder, on exercise, to acquire one Common Share at a price of C\$0.32 per common share until September 3, 2015. The Brokered Financing was conducted by way of Exchange Short Form Offering Document. In consideration for its services, Raymond James Ltd., the Agent, and members of its selling group received commission equal to 8% of the gross proceeds of the Brokered Financing. In addition, the Company issued an aggregate of 555,080 Agent's Warrants to the Agent and members of its selling group. Each Agent's Warrant entitles the holder, on exercise, to acquire one common share at a price of C\$0.16 per common share until September 3, 2012. In addition, the Agent receive a cash corporate finance fee and 93,750 corporate finance warrants, such warrants having the same terms as the Agent's Warrants.

In addition, concurrently with closing of the Qualifying Transaction, the Company completed a non-brokered private placement (the "Non-Brokered Financing") of 2,500,000 Units for aggregate proceeds of C\$400,000. No finder's fees or commissions were paid in connection with the Non-Brokered Financing.

The filing statement of the Corporation dated July 22, 2010, which describes the terms of the Acquisition, was filed with the Exchange and applicable securities commissions and is available on SEDAR under the Corporations profile at www.sedar.com.

During the year ending December 31, 2011 the Company issued an aggregate of C\$264,000 of Convertible Debentures in several tranches. The Convertible Debentures will mature on the date that is three years from the date of issuance and bear interest at 12% per annum, payable semi-annually. The principal amount of the Convertible Debentures is convertible into common shares of the Company, at any time from the date of issuance until the maturity date, at a price equal to C\$0.16 per common share. The Company may elect to pay accrued interest by the issuance of common shares, at a price per share equal to the market price of the common shares at the date of issuance. In addition, the Company may elect to redeem the Convertible Debentures at any time prior to the Maturity Date. The Company paid finder's fees and commissions in connection with these Convertible Debentures of C\$7,750 which includes 29,063 warrants with a two year term, exercisable at C\$0.16.

On April 25, 2012 the Company closed a non-brokered private placement. The private placement was in aggregate 1,600,000 Units ("the Offering") at a price of C\$0.05 per Unit for total receipt of C\$80,000. Each Unit is comprised of one Common Share in the capital of the Issuer (a "Common Share") and one Common Share purchase warrant (a "Warrant"). Each Warrant entitles the holder to acquire one Common Share (a "Warrant Share") at an exercise price of C\$0.10 per Warrant Share until April 25, 2017.

Management's Discussion and Analysis For the Years ended December 31, 2011 and 2010 (In US Funds, unless otherwise indicated)

#### OVERALL PERFORMANCE

On September 3, 2010 the Company completed the acquisition of Cascade; the shareholders of Cascade own approximately 80% of the common shares of the Company. The Company is in the development stage and its continuing operations are dependent upon its ability to develop the hydro electric project, to raise sufficient financing and to obtain the required licenses from the US FERC. On September 3, 2010 the Company completed additional financings for net proceeds of C\$1,295,548. These funds are to be used to further the acquisition of required licenses for its Cascade Creek hydroelectric project.

On January 30, 2012 Cascade was advised by the United States Federal Energy Regulatory Commission that it has issued an Order denying the successive preliminary permit application filed February 1, 2011 by Cascade Creek for the Cascade Creek Hydroelectric Project No. 12495-003.

On February 29, 2012 Cascade filed a request for a rehearing of the FERC order denying Cascade's Preliminary Permit Application.

On March 28, 2012 Cascade received an "Order Granting Rehearing For Further Consideration" from the US FERC. This is in response to Cascade's application for rehearing with FERC. This granting has extended the timeline of Cascade's rehearing application past FERC's first date of denial which was 30 days from the application date. The FERC order states "In order to afford additional time for consideration of the matters raised or to be raised, rehearing of the Commission's order is hereby granted for the limited purpose of further consideration, and timely-filed rehearing requests will not be deemed denied by operation of law."

#### SELECTED ANNUAL INFORMATION

The table below present's selected financial data for the Company's three most recently completed years.

	Years ended December 31						
(In US \$ except per share data)		2011		2010		2009	
Other income	\$	534	\$	1,799	\$	23,275	
Net loss		726,690		2,218,187		316,743	
Comprehensive loss		712,429		2,207,116		-	
Basic and diluted loss per share (1)		0.02		0.18		-	
Hydro project expenditures		321,255		1,193,269		209,101	
Total assets		65,462		262,133		60,660	
Total long-term financial liabilities		479,825		250,000		250,000	
Cash dividends declared per share	\$	-	\$	-	\$	-	

<sup>(1)</sup> No loss per share information has been presented for the 2009 comparative year as these figures represent the assets and operations of Cascade Creek LLC, which did not have share capital separated into discrete shares

In 2009, 2010 and 2011, the Company raised funds to carry on its principal business, which was the Cascade Creek hydroelectric project. This is reflected in the expenditures outlines above for the 3 years. Net loss comprised mostly hydroelectric project expenditures in 2009, 2010 and 2011. The selected financial data for 2009 was has been prepared in accordance with Canadian GAAP. All monetary amounts are expressed in US dollars unless otherwise indicated. In 2010, the CICA Handbook was revised to incorporate International Financial Reporting Standards ("IFRS"), and require publicly accountable enterprises to apply such standards effective for years beginning on or after January 1, 2011 and show comparative numbers for 2010. Accordingly, we have commenced reporting on this basis.

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#### **RESULTS OF OPERATIONS**

### Three months ended December 31, 2011 and 2010:

Hydro project expenditures for the quarter ending December 31, 2011 are \$3,588 compared with \$773,006 during the same period in 2010. In Q4 2011 preliminary design expenditures are \$Nil vs \$78,892 in the same period of 2010. Environmental studies are lower by \$530,773 at \$3,588 when compared to the same quarter last year; no new field investigations have been undertaken in this current quarter. License application monitoring and response expenditure was \$Nil (2010 –\$103,323)

General and Administrative expenditures for the three months ending December 31, 2011 are \$68,043 (2010 - \$515,410). Expenses totalling \$22,390 are incurred for legal, and accounting and management consulting fees during the three months ended December 31, 2011 compared to \$78,273 during the same period of 2010. The 2010 wages and benefits netted with 2010 professional fees are \$42,940 higher than the 2011 professional fees but have been reduced by a credit adjustment of \$13,190. Stock based compensation expense totalling \$21,220 (\$205,388-2010) in Q4 is employees, directors and consultants stock option valuation allocation. Accretion and Interest on convertible debentures was \$5,565 for the fourth quarter compared to \$Nil for the same period in 2010. Transfer agent, filing and sustaining fees are \$5,705 (2010 - \$9,603) which is down due to the extra activity during the 2010 merger. The largest variance for the quarter is the Listing expenses of \$Nil (2010 -\$511,307). This is a one time IFRS adjustment representing the cost for Cascade to get listed on the exchange. The cash balance of \$38,261 is down significantly when compared to the December 31, 2010 balance at \$193,658 which was on hand still from the financing completed in September 2010.

#### Twelve months ended December 31, 2011 and 2010:

Hydro project expenditures for the year December 31, 2011 are \$321,255, compared with \$1,193,269 during the same period in 2010. The twelve month expenditures show 2011 expenditures for Environmental Studies at \$181,172 (2010-\$813,694), reduced by \$632,522 due to a reduction in activity following the 2011 licence application. The year to date License application expenditures are \$140,083 (2010 –\$132,620) reflecting the project progress, and the Design and Study accounts \$Nil (2010-\$210,376) illustrate the project's progress from initial planning to the permitting stage.

General and Administrative expenditures for the year ended December 31, 2011 are \$416,779 (2010 - \$515,410). The largest variance is the Cascade listing expenses of \$Nil (2010 -\$511,307). This is a one time IFRS adjustment representing the cost for Cascade to get listed on the exchange. Certain increased G&A expenses are due to public corporation administrative expenses and the related equity compensation, issuance and public company stock filing fees. Wages and benefits expenditures of \$Nil are reduced compared to \$60,875 for the same period in 2010. These wages and benefits expenses, rather than being reduced to \$Nil are currently accounted for in the professional fees category as the Company had no payroll employees during 2011. Expenses totalling \$250,413 are incurred for legal, and accounting and management consulting fees during the year ended December 31, 2011 compared to \$182,646 during the same period of 2010. W with the 2010 wages and benefits netted with 2010 professional fees there is a \$6,892 increase in professional fees when compared to the previous year. Again this is due to the administration of a public company in the current year vs private enterprise costs. Accretion and interest on convertible debentures was \$40,227 for the year compared to \$Nil for 2010. Transfer agent, filing and sustaining fees are \$27,768 (2010 - \$20,742) due to the public corporation status for a full year when compared against a partial year in the Cascade numbers from last year. The largest variance on the year is the Listing expenses of \$Nil (2010 -\$511,307). This is a one time IFRS adjustment representing the cost for Cascade to get listed on the exchange.

The cash balance of \$38,261 is down when compared to the December 31, 2010 balance at \$193,658 which was on hand still from the financing completed in September 2010.

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### **RESULTS OF OPERATIONS (continued)**

Hydro Project Licensing:

Cascade Creek

During the first quarter of 2011, the Company announced that Cascade, its wholly owned subsidiary, issued its Draft License Application ("DLA") for the proposed 70MW Cascade Creek Hydroelectric Project at Thomas Bay, Alaska. Issuance of the DLA initiates the 90-day review period as required by the FERC licensing process, whereby resource agencies, native groups, and other interested parties have an opportunity to review and comment on the application.

The Company had a preliminary permit for a three-year-period from February 1<sup>st</sup>, 2008 for priority on the development application for this site. This project is now in the licensing phase of the application process with FERC. The preliminary permit expired on February 1<sup>st</sup>, 2011 and the Company subsequently filed a another preliminary permit application with FERC to further protect the Company's status with respect to the FERC process until issuance of a FERC license for the project.

During the second quarter Cascade received timely comments from regulatory agencies including FERC regarding the DLA, and the Preliminary Draft Environmental Assessment ("PDEA"), both submitted February 2011. The comments received provide clear direction for remaining study requirements. Cascade has met with agencies in mid-June and will develop and implement remaining field studies, and complete environmental investigations necessary for the final license application preparation. The issues and extent of studies requested are typical of those required for projects in southeast Alaska and do not reflect any surprises or special circumstance that may negatively affect the Cascade Creek project. Concurrently, the public comment period closed May 15, 2011 on the company's new preliminary permit application to FERC with no competitive application filed by any other entity.

During the third quarter 2011 Cascade continued to process agency comments into new draft field study plans to further the effort to collect remaining additional information requested. During this time there were no new field investigations undertaken, but rather continued monitoring of existing field station equipment including trail and wildlife cameras and hydrology gages.

Cascade continues to participate in a State of Alaska commissioned S.E. Alaska Integrated Resources Plan development process. This planning effort is intended to identify future power demand forecast and potential generation and transmission projects to meet the needs of the region. The process involves regional power utilities, independent power producers and stakeholder groups functioning as a workgroup under consultant led guidance. The outcome of this planning process is expected to be produced first quarter of 2012 and may guide regional power resource development. Cascade held a public informational meeting and open house in August in Petersburg to share project information with the general public. Cascade also attended the Alaska Southeast Economic Conference in Ketchikan in September.

Similarly, Cascade has begun preliminary discussion with the Southeast Alaska Power Agency to identify opportunities for power generation development and transmission collaboration that may help meet local and regional power needs. This effort continues in addition to Cascade's efforts to promote, plan and stimulate the construction of a transmission connection to British Columbia, Canada, in immediate proximity to the ongoing extension and capacity increase of the Canadian Northern Transmission Line.

As of the close of the fourth quarter 2011, Cascade was still awaiting the pending issuance of the third successive Preliminary Permit from FERC formalizing the preserved priority in developing a final license application for the project. FERC advises that the delay is due to staff resource constraints.

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### **RESULTS OF OPERATIONS (continued)**

On January 30, 2012 Cascade was advised by the United States Federal Energy Regulatory Commission that it has issued an Order denying the successive preliminary permit application filed February 1, 2011 by Cascade Creek for the Cascade Creek Hydroelectric Project No. 12495-003.

On February 29, 2012 Cascade filed a request for a rehearing of the FERC order denying Cascade's Preliminary Permit Application.

On March 28, 2012 Cascade received an "Order Granting Rehearing For Further Consideration" from the US FERC. This is in response to Cascade's application for rehearing with FERC. This granting has extended the timeline of Cascade's rehearing application past FERC's first date of denial which was 30 days from the application date. The FERC order states "In order to afford additional time for consideration of the matters raised or to be raised, rehearing of the Commission's order is hereby granted for the limited purpose of further consideration, and timely-filed rehearing requests will not be deemed denied by operation of law."

Cascade was invited to attend an Alaska State sponsored work session with the Alaska Energy Authority Board of Directors on November 10, 2011. The purpose of the workshop was to identify how independent power producers could assist the state in meeting the power needs throughout the state. Cascade's participation portrayed the potential benefits to citizens in reduced costs, identified some of the barriers to market access and provided suggestions as to how the Alaska Energy Authority could assist IPP's in joining to meet community power needs.

### Ruth Lake

The Company's preliminary permit for Ruth Lake expired on February 23, 2009. A subsequent preliminary permit was issued by FERC to the City of Angoon, Alaska on November 5, 2009. On October 5, 2009, a development agreement between the City of Angoon and the Company was reached in which the Company is to provide permitting and design, construction, and operational management services to the City of Angoon for this 20 MW, 70 GW.h project. This agreement was intended to last for an extended period of time, depending on subsequent license renewals. No work is currently being carried out on Ruth Lake.

### Scenery Lake

The Company's preliminary permit for Scenery Lake expired on February 23, 2009. A subsequent preliminary permit was issued by FERC to the City of Angoon, Alaska on October 1, 2009. On October 5, 2009, a development agreement between the City of Angoon and the Company was reached in which the Company is to provide permitting and design, construction, and operational management services to the City of Angoon for this 30 MW, 130 GW.h project. This agreement was intended to last for an extended period of time, depending on subsequent license renewals. No work is currently being carried out on Scenery Lake.

#### Hydro Project Field Studies:

The Company continued hydrology gage site maintenance, monitoring and data downloads during the quarter and continued fisheries presence/absence observational surveys in Falls Lake and lower Cascade Creek. In the quarter, Rainbow Trout spawner surveys were continued as well as performing Eagle and raptor nest & activity surveys. The spring mountain goat helicopter reconnaissance for presence/absence was carried out and trail use cameras were installed & maintained. The Company also carried out general wildlife presence/absence observations.

Additional cycles of stream gage and trail camera maintenance and data downloads were completed in August and November 2011.

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### SUMMARY OF QUARTERLY RESULTS

The table below present's selected financial data for the Company's eight most recently completed quarters.

(In US\$ except per share data)

					Years e	nded December	r 31				
			201	1	2010						
	Q4		Q3	Q2	Q1	Q4	Q3	Q2	Q1		
Financial Results											
Interest income		295	58	123	58	1,144	655	-	-		
Net loss for period	95	,366	144,066	256,783	230,475	1,586,205	294,660	181,826	155,496		
Per share (1)	\$	-	\$ -	\$0.01	\$0.01	\$0.15	\$0.03	\$ -	\$ -		
<b>Balance Sheet Data</b>											
Cash and cash equivalents	38	3,261	9,238	29,881	112,173	193,658	810,270	10,139	10,326		
Total assets	65	5,462	89,512	112,471	188,655	262,133	852,427	29,181	35,352		
Shareholder's equity	(938	3,501)	(864,591)	(821,822)	(570,665)	(373,795)	519,749	(620,673)	(438,848)		

No loss per share information has been presented for the comparative quarters prior to Q3 2010 as these figures represent the assets and operations of Cascade Creek LLC, which did not have share capital separated into discrete shares.

### LIQUIDITY AND SOLVENCY

As at December 31, 2011, the Company had a working capital deficit of \$458,676. The Company does not generate cash flows from operations and accordingly the Company will need to raise additional funds through future issuance of securities or debt financing. Although the Company had raised funds in the past, there can be no assurance the Company will be able to raise sufficient funds in the future, in which case the Company may be unable to meet its obligations as they come due in the normal course of business. It is not possible to predict whether financing efforts will be successful or if the Company will attain a profitable level of operations.

The current cash resources are not adequate to pay our accounts payable and to meet our minimum commitments at the date of this MD&A, including planned corporate and administrative expenses, the Hydro Project programme, and other Project implementation costs. To complete the development of the Cascade Creek Hydro Project beyond the date of this MD&A, we will need to raise additional funds. The availability of funds to develop the Cascade Creek Hydro Project is not guaranteed and will be contingent upon a number of factors including the condition of the equity, the debt markets at the time they are required and contingent upon a positive outcome with the US FERC licensing process and receipt of the required licenses.

### **CAPITAL RESOURCES**

In 2010 the Company completed a financing concurrent with the Qualifying Transaction with Cascade. In 2011 the company issued Convertible Debentures in several tranches and in April 2012 the Company closed a non-brokered private placement. See description of business.

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#### RECENT ACCOUNTING PRONOUNCEMENTS

### **Recent Accounting Pronouncements**

### a) Business Combinations

In January 2009, the CICA issued Section 1582, Business Combinations, which replaces former guidance on business combinations. Section 1582 establishes principles and requirements of the acquisition method for business combination and related disclosures. The Section applies prospectively to business combinations for which the acquisition date is on or after the beginning of the first annual reporting period beginning on or after January 2011 with earlier adoption permitted. The Company does not expect that the adoption of this standard will have a material impact on the Company's financial statements.

In January 2009, the CICA issued Section 1601, Consolidated Financial Statements, and 1602, Non-controlling interests, which replaces existing guidance. Section 1602 provides guidance on accounting for a non-controlling interest in a subsidiary in consolidated financial statements subsequent to a business combination. These standards are effective on or after the beginning of the first annual reporting period on or after January 2011 with earlier adoption permitted. The Company does not expect that the adoption of this standard will have a material impact on the Company's financial statements.

### b) International Financial Reporting Standards ("IFRS")

The Canadian Accounting Standards Board confirmed that publicly accountable entities will be required to prepare financial statements in accordance with IFRS for interim and annual financial statements for fiscal years beginning on or after January 1, 2011. Companies will have to prepare an opening IFRS balance sheet and will have to provide comparative IFRS information for the previous fiscal year. As the Company's comparative IFRS information was previously reported under Canadian GAAP, restatement of amounts is required for comparative purposes.

The consolidated financial statements have been prepared by management in accordance with Canadian generally accepted accounting principles as set out in the Handbook of the Canadian Institute of Chartered Accountants ("CICA Handbook"). In 2010, the CICA Handbook was revised to incorporate International Financial Reporting Standards ("IFRS"), and require publicly accountable enterprises to apply such standards effective for years beginning on or after January 1, 2011. Accordingly, we have commenced reporting on this basis in these consolidated financial statements. In the March 31, 2011 and subsequent consolidated financial statements, the term "Canadian GAAP" refers to Canadian GAAP before the adoption of IFRS.

The consolidated financial statements are expressed in US dollars and include the accounts of the Company, and its wholly owned subsidiary, Cascade Creek LLC ("Cascade"). All inter-company transactions have been eliminated. First-time Adoption Exemptions Applied

IFRS 1, which governs the first-time adoption of IFRS, generally requires accounting policies to be applied retrospectively to determine the opening balance sheet on our transition date of January 1, 2010, and allows certain exemptions on the transition to IFRS. In accord with permissible exemption the Company has elected to not restate previous business combinations and the accounting thereof.

We have applied IFRS 1 in preparing the first IFRS consolidated interim financial statements for March 31, 2011 and subsequent financial statements. The statements include policies necessary to meet IFRS requirements. The effects of the transition are presented on page 9 entitled CDN GAAP to IFRS.

#### OFF-BALANCE SHEET ARRANGEMENTS

The Company has no off-balance sheet arrangements.

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#### RELATED PARTY TRANSACTIONS AND BALANCES

#### a) Due to Related Parties

As at December 31, 2011, the Company has accrued \$212,997 (2010 - \$96,402) due to directors and companies controlled by directors or officers of the Company for legal, accounting and consulting services.. The amounts are non-interest bearing, unsecured and due on demand.

#### b) Transactions with Related Parties

During the year ended December 31, 2011 and 2010, the Company had the following related party transactions:

- For the year ended December 31, 2011, the Company paid or incurred a total of \$150,823 (2010 -\$33,860) to a director for legal services and to a company controlled by an officer for CFO services.
- ii) For the year ended December 31, 2011, the Company paid or incurred a total of \$116,460 (2010 \$258,527) to a company controlled by a former director, and in which another director is an officer, for consulting and engineering services relating to the Cascade Creek hydro electric project.
- iii) The remuneration of the Company's directors and other key management is comprised as follows:

	2011	2010
Management fees	\$ 45,739	\$ 13,000
Share-based compensation	49,608	205,388
Total	\$ 95,347	\$ 218,388

These transactions are in the normal course of operations and are recorded at their exchange amounts, which is the consideration agreed upon by the related parties.

#### **OUTSTANDING SHARE DATA**

On September 3, 2010 a total of 23,761,458 common shares and 6,238,542 special warrants were issued for 100% of Cascade. Each warrant is convertible into one common share of the Company for no additional consideration. This transaction resulted in a reverse takeover that was a capital transaction in substance. Of the 23,761,458 common shares and 6,238,542 special warrants issued, an aggregate of 28,750,000 common shares and special warrants are subject to escrow agreements pursuant to the policies of the Exchange. Under the escrow agreements, 10% of the common shares were released upon closing of the transaction with the remaining common shares to be released in 15% tranches in 6 month intervals thereafter. Of these securities, 6,000,000 common shares issued to certain of the unit-holders are also subject to a performance escrow agreement.

On September 3, 2010, the Company closed a non-brokered private placement of 2,500,000 units at \$0.1537 (C\$0.16) per unit. Each unit is comprised of one common share and one common share purchase warrant. Each warrant entitles the holder, on exercise, to acquire one additional common share at an exercise price of \$0.3074 (C\$0.32) until September 3, 2015. No proceeds from the issuance of these units were allocated to the warrants as the warrants did not have intrinsic value at the time the units were issued. The equity financing raised net proceeds of \$384,209. No finder's fees or commissions were paid in connection with this non-brokered private placement. These common shares and any additional common shares issued from exercise of these warrants will be subject to escrow arrangements similar to those outlined above

Management's Discussion and Analysis For the Years ended December 31, 2011 and 2010 (In US Funds, unless otherwise indicated)

### **OUTSTANDING SHARE DATA – (Continued)**

On September 3, 2010, the Company closed a brokered private placement of 6,983,500 units at a price of \$0.1537 (C\$0.16) per unit for gross proceeds of \$1,073,249. Each unit is comprised of one common share of the Company and one common share purchase warrant. Each warrant entitles the holder, on exercise, to acquire one additional common share at an exercise price of \$0.3074 (C\$0.32) until September 3, 2015. No proceeds from the issuance of these units were allocated to the warrants as the warrants did not have intrinsic value at the time the units were issued. The Company paid share issuance costs of \$161,910 in connection with this placement. The Company also issued 555,080 agents' warrants and 93,750 corporate finance warrants. Each warrant entitles the holder, on exercise, to acquire one additional common share at an exercise price of \$0.1537 (C\$0.16) until September 3, 2012.

On September 30, 2011 the Company settled \$57,657 (C\$59,900) of debts by the issuance of 374,375 common shares at a deemed price of \$0.1540 (C\$0.16) per share with a director and an officer of the Company.

During the year ended December 31, 2011, and to the date of this MD&A the Company has elected to pay accrued interest on Convertible Debentures by the issuance of common shares, at a price per share equal to the market price of the common shares at the date of issuance. During 2011 the company has issued 108,081 shares for \$16,065 in interest payments.

During 2012 and to the date of this MD&A the company has issued 301,581 shares for \$15,197 in interest payments.

On April 25, 2012 the Company closed a non-brokered private placement. The private placement was in aggregate 1,600,000 Units ("the Offering") at a price of C\$0.05 per Unit for total receipt of \$81,235 (C\$80,000). Each Unit is comprised of one Common Share in the capital of the Issuer (a "Common Share") and one Common Share purchase warrant (a "Warrant"). Each Warrant entitles the holder to acquire one Common Share (a "Warrant Share") at an exercise price of C\$0.10 per Warrant Share until April 25, 2017.

As at the date of this MD&A, there are 39,888,995 common shares outstanding.

#### RISKS AND UNCERTAINTIES

Except for historical information contained in this discussion and analysis, disclosure statements contained herein are forward-looking, which statements are subject to risks and uncertainties, which could cause actual results to differ materially from those in such forward-looking statements.

As at December 31, 2011, the Company is in the development stage and its continuing operations are dependent upon its ability to develop the hydro electric project, to raise sufficient financing and to obtain the required licenses from the US FERC. Upon receiving the FERC license, the Company may proceed to complete and construct the hydro electric project and to ultimately generate income and cash flows from operation of the project. The outcome of these matters cannot be predicted at this time.

The Company does not generate cash flows from operations and accordingly the Company will need to raise additional funds through future issuance of securities or debt financing. Although the Company has raised funds in the past, there can be no assurance the Company will be able to raise sufficient funds in the future, in which case the Company may be unable to meet its obligations as they come due in the normal course of business. It is not possible to predict whether financing efforts will be successful or if the Company will attain a profitable level of operations. Subsequent to the year end the Company issued a private placement in aggregate of C\$80,000. See description of business.

On January 30, 2012 Cascade was advised by the United States Federal Energy Regulatory Commission that it has issued an Order denying the successive preliminary permit application filed February 1, 2011 by Cascade Creek for the Cascade Creek Hydroelectric Project No. 12495-003.

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### RISKS AND UNCERTAINTIES – (Continued)

On February 29, 2012 Cascade filed a request for a rehearing of the FERC order denying Cascade's Preliminary Permit Application.

On March 28, 2012 Cascade received an "Order Granting Rehearing For Further Consideration" from the US FERC. This is in response to Cascade's application for rehearing with FERC. This granting has extended the timeline of Cascade's rehearing application past FERC's first date of denial which was 30 days from the application date. The FERC order states "In order to afford additional time for consideration of the matters raised or to be raised, rehearing of the Commission's order is hereby granted for the limited purpose of further consideration, and timely-filed rehearing requests will not be deemed denied by operation of law."

### **TAXES**

The following table reconciles the amount of income tax recoverable on application of the US combined statutory federal and state income tax rates:

		2011	2010
Combined statute mater			
Combined statutory tax rate		34%	34%
Income tax recovery on net loss at statutory rate	\$	247,076	\$ 754,184
Permanent differences and other		30,519	(100,215)
Reduction in tax recovery due to lower taxes in Canada		(26,219)	(20,658)
Difference between current and future rate		(4,495)	(16,635)
Change in unrecognized deferred tax assets		(246,881)	(616,676)
Income tax recovery	\$	_	\$ _
Significant components of the Company's deferred tax assets are shown b	elow:		
Significant components of the company's deferred tax assets are shown to	CIOW.	2011	2010
Significant components of the Company's deferred tax assets are shown to	Clow.	2011	2010
	\$		\$ •
Non-capital loss carry forwards		280,859	\$ 141,672
			\$ •
Non-capital loss carry forwards Development costs		280,859 514,615	\$ 141,672 405,388
Non-capital loss carry forwards Development costs	\$	280,859 514,615 68,083	 141,672 405,388 69,616

As at December 31, 2011, the Company has approximately C\$915,000 of non-capital loss carry forwards available to reduce taxable income for future years in Canada. The Canadian loss carry forwards begin to expire in 2025 if unused.

As at December 31, 2011, the Company has approximately \$379,000 of non-capital loss carry forwards available to reduce taxable income for future years in the United States. The US loss carry forwards begin to expire in 2030 if unused.

As at December 31, 2011, the Company has approximately \$1,514,000 of development costs available to reduce taxable income for future years in the United States.

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### **TAXES-(Continued)**

In assessing deferred tax assets, management considers whether it is more likely than not that some portion of all of the deferred tax assets will not be realized. The ultimate realization of deferred tax assets is dependent upon the generation of future taxable income during the periods in which those temporary differences become deductible. Management considers the scheduled reversal of deferred tax liabilities, projected future taxable income, and tax planning strategies in making this assessment. The amount of deferred tax asset considered realizable could change materially in the near term based on future taxable income during the carry forward period.

### FIRST TIME ADOPTION OF IFRS

### a) Transition to IFRS

The Company has adopted IFRS effective January 1, 2011 with a transition date of January 1, 2010. Prior to the adoption of IFRS the Company prepared its financial statements in accordance with Canadian GAAP.

The comparative information presented in these first annual consolidated financial statements for the year ended December 31, 2010 and the opening Balance Sheet as at January 1, 2010 (the "Transition Date") have been prepared in accordance with the accounting policies referenced in Note 3 and IFRS 1, *First-Time Adoption of International Financial Reporting Standards* ("IFRS 1").

### b) Initial elections upon adoption

The Company adopted IFRS in accordance with IFRS 1 which requires the retrospective application of IFRS at the Transition Date with all adjustments to assets and liabilities taken to deficit, subject to mandatory exceptions and the application of optional exemptions. The IFRS 1 exceptions applied in the conversion from Canadian GAAP to IFRS by the Company are explained as follows:

- (i) Share-based payments The Company elected under IFRS 1 to apply IFRS 2, *Share-Based Payments* only to equity instruments that were issued after November 7, 2002 and had not vested by the Transition Date.
- (ii) Business combinations The Company elected under IFRS 1 to not to apply IFRS 3, *Business Combinations* retrospectively to any business combinations that may have occurred prior to its Transition Date and such business combinations have not been restated.
- (iii) Compound financial instruments The Company has elected under IFRS 1 not to retrospectively separate the liability and equity components of any compound instruments for which the liability component is no longer outstanding at the Transition Date.
- (iv) Foreign Currency Translation The Company has elected to deem all foreign currency translation differences that arose prior to the Transition Date in respect of all foreign operations to be nil at the date of transition.

#### c) Estimates

IFRS 1 does not permit changes to estimates previously made. Accordingly, estimates used at the Transition Date are consistent with estimates made at the same date under Canadian GAAP.

### d) Reconciliation between Canadian GAAP and IFRS

In preparing the Company's IFRS Transition Date Balance Sheet management noted that adjustments related to reverse take over accounting and foreign currency translation were necessary to be made by the Company previously in its financial statements prepared in accordance with previous Canadian GAAP.

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### FIRST TIME ADOPTION OF IFRS (continued)

Reverse Take Over Accounting

Under Canadian GAAP a reverse take over transaction that was not a business combination was accounted for as a capital transaction under EIC 10 with any net assets acquired and recognized in equity. Under IFRS 2, such transactions are accounted for as share based payment transactions with any consideration given up by the company in excess of the net assets received or liabilities assumed, recognized as an expense. Accordingly, the Company has recognized a listing expense under IFRS in 2010 in the amount of \$511,307 as described in Note 2.

### d) Reconciliation between Canadian GAAP and IFRS (continued)

Foreign Currency Translation

IFRS requires each entity consolidated within the financial statements to assess its functional currency. It was determined that the functional currency of the Parent Company is Canadian Dollars, which is consistent with its functional currency under Canadian GAAP and the functional currency of the Company's US subsidiary is United States Dollars, which is also consistent with its functional currency under Canadian GAAP.

However, in contrast to Canadian GAAP, in which an integrated foreign operation's non-monetary assets are translated at historical rates, IFRS requires that where an entity's presentation currency differs from its functional currency, the financial position of the entity be translated into the presentation currency at the closing rate on the date of the balance sheet. In addition, all exchange differences arising on the translation from functional to presentation currency are recognized in other comprehensive income.

In accordance with IFRS 1, the Company elected to deem all foreign currency translation differences that arose prior to the date of transition to be \$nil at that date. However, several adjustments were required to effect the translation of the Parent Company's financial position at the exchange rates on the date of the balance sheet, and translation of the statements of operations and cash flow from the functional to presentation currency.

The opening January 1, 2010 Canadian GAAP Balance Sheet has been reconciled to IFRS as follows:

<b>Balance Sheet</b>	nuary 1, 2010 nadian GAAP	of IFRS nsition	January 1, 2010 IFRS		
Total Assets	\$ 60,660	\$ _	\$	60,660	
Total Liabilities	\$ 365,769	\$ _	\$	365,769	
Shareholders' Equity					
Share capital	1,447,703	_		1,447,703	
Equity component of convertible debentures	5,455	_		5,455	
Deficit	(1,758,267)	_		(1,758,267)	
Total Shareholders' Equity	305,109	_		305,109	
Total Liabilities and Shareholders' Equity	\$ 60,660	\$ _	\$	60,660	

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### FIRST TIME ADOPTION OF IFRS (continued)

### d) Reconciliation between Canadian GAAP and IFRS (continued)

The December 31, 2010 Canadian GAAP Balance Sheet has been reconciled to IFRS as follows:

Balance Sheet	cember 31, 2010 anadian GAAP	]	Effect of IFRS Transition	December 31, 2010 IFRS		
Total Assets	\$ 262,133	\$	_	\$	262,133	
Total Liabilities	\$ 635,928	\$		\$	635,928	
Shareholders' Equity						
Share capital	2,825,860		_		2,825,860	
Contributed surplus	272,450		493,278		765,728	
Accumulated other comprehensive income	_		11,071		11,071	
Deficit	(3,472,105)		(504,349)		(3,976,454)	
Total Shareholders' Equity	(373,795)		_		(373,795)	
Total Liabilities and Shareholders' Equity	\$ 262,133	\$	_	\$	262,133	

The December 31, 2010 Canadian GAAP Statement of Operations and Comprehensive Loss has been reconciled to IFRS as follows:

Statement of Operations and Comprehensive Loss	Year Ended Dec. 31, 2010 Canadian GAAP			fect of IFRS Fransition	Year Ended Dec. 31, 2010 IFRS
Revenue	\$	_	\$	_	\$ 
Total expenses Total other items	\$	1,708,679 (12,870)	\$	522,378	\$ 1,708,679 509,508
Net loss		1,695,809		522,378	2,218,187
Other comprehensive income		_		(11,071)	(11,071)
Comprehensive loss	\$	1,695,809	\$	511,307	\$ 2,207,116

There are no material differences between the consolidated statement of cash flows presented for 2010 under previous Canadian GAAP.

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### SUBSEQUENT EVENTS

Subsequent to the year end the Company has the following events have taken place:

January 31, 2012 – The Company's wholly owned subsidiary, Cascade was advised January 30, 2012 by the US FERC that it has issued an Order denying the successive preliminary permit application filed February 1, 2011 by Cascade Creek for the Cascade Creek Hydroelectric Project No. 12495-003.

February 29, 2012 – The Company's subsidiary Cascade filed a request for a rehearing of the US FERC order denying Cascade's Preliminary Permit Application.

March 28, 2012 – The Company's subsidiary Cascade received an "Order Granting Rehearing For Further Consideration" from the US FERC. This is in response to Cascade's application for rehearing with FERC. This granting has extended the timeline of Cascade's rehearing application past FERC's first date of denial which was 30 days from the application date. The FERC order states "In order to afford additional time for consideration of the matters raised or to be raised, rehearing of the Commission's order is hereby granted for the limited purpose of further consideration, and timely-filed rehearing requests will not be deemed denied by operation of law."

April 25, 2012 - The Company closed a non-brokered private placement. The private placement was in aggregate 1,600,000 Units ("the Offering") at a price of C\$0.05 per Unit for total receipt of C\$80,000. Each Unit is comprised of one Common Share in the capital of the Issuer (a "Common Share") and one Common Share purchase warrant (a "Warrant"). Each Warrant entitles the holder to acquire one Common Share (a "Warrant Share") at an exercise price of C\$0.10 per Warrant Share until April 25, 2017.