

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
Washington, DC 20549

**FORM 10-Q**

**QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

For the quarterly period ended September 30, 2011

OR

**TRANSITION REPORT PURSUANT TO 13 OR 15(D) OF THE SECURITIES EXCHANGE ACT OF 1934**

For the transition period from \_\_\_\_\_ to \_\_\_\_\_

Commission File Number: 001-31540

**FLEXIBLE SOLUTIONS INTERNATIONAL INC.**  
(Exact Name of Issuer as Specified in Its Charter)

Nevada  
(State or other jurisdiction of incorporation  
or organization)

91-1922863  
(I.R.S. Employer Identification No.)

615 Discovery St.  
Victoria, British Columbia, Canada  
(Address of Issuer's Principal Executive Offices)

V8T 5G4  
(Zip Code)

Issuer's telephone number: (250) 477-9969

N/A  
(Former name, former address and former fiscal year, if changed since last report)

Indicate by check mark whether the Registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the Registrant was required to file such reports) and (2) had been subject to such filing requirements for the past 90 days.

Yes  No

Indicate by check mark whether the Registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes  No

Indicate by check mark whether the Registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act. (Check One):

Large accelerated filer  Accelerated filer

Non-accelerated filer  Smaller reporting company   
(Do not check if a smaller reporting company)

Indicate by check mark whether the Registrant is a shell company (as defined in Exchange Act Rule 12b-2 of the Exchange Act). Yes  No

<u>Class of Stock</u>	<u>No. Shares Outstanding</u>	<u>Date</u>
Common	13,169,991	November 1, 2011

## FORM 10-Q

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## CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS

This document contains “forward-looking statements” within the meaning of the Private Securities Litigation Reform Act of 1995. All statements other than statements of historical fact are “forward-looking statements” for the purposes of the federal and state securities laws, including, but not limited to: any projections of earnings, revenue or other financials items; any statements of the plans, strategies and objectives of management for future operations; any statements concerning proposed new services or developments; any statements regarding future economic conditions or performance; any statements regarding future economic conditions or performance; any statements of belief; and any statements of assumptions underlying any of the foregoing.

Forward-looking statements may include the words “may,” “could,” “will,” “estimate,” “intend,” “continue,” “believe,” “expect” or “anticipate” or other similar words. These forward-looking statements present our estimates and assumptions only as of the date of this report. Except for our ongoing obligation to disclose material information as required by the federal securities laws, we do not intend, and undertake no obligation, to update any forward-looking statement.

Although we believe that the expectations reflected in any of our forward-looking statements are reasonable, actual results could differ materially from those projected or assumed in any of our forward-looking statements. Our future financial condition and results of operations, as well as any forward-looking statements, are subject to change and inherent risks and uncertainties. The factors impacting these risks and uncertainties include but are not limited to:

- Increased competitive pressures from existing competitors and new entrants;
- Increases in interest rates or our cost of borrowing or a default under any material debt agreement;
- Deterioration in general or regional economic conditions;
- Adverse state or federal legislation or regulation that increases the costs of compliance, or adverse findings by a regulator with respect to existing operations;
- Loss of customers or sales weakness;
- Inability to achieve future sales levels or other operating results;
- The unavailability of funds for capital expenditures; and
- Operational inefficiencies in distribution or other systems.

For a detailed description of these and other factors that could cause actual results to differ materially from those expressed in any forward-looking statement, please see “Risk Factors” in our Annual Report on Form 10-K for the year ended December 31, 2010.

**PART I FINANCIAL INFORMATION**  
**Item 1. Financial Statements.**

**FLEXIBLE SOLUTIONS INTERNATIONAL, INC.**  
**CONSOLIDATED BALANCE SHEETS**  
**At September 30, 2011**  
**(U.S. Dollars)**

	<b>September 30, 2011 (Unaudited)</b>	<b>December 31, 2010</b>
<b>Assets</b>		
<b>Current</b>		
Cash and cash equivalents	\$ 319,306	\$ 2,763,420
Accounts receivable (Note 3)	2,692,759	1,198,939
Inventory (Note 4)	3,872,770	2,539,190
Prepaid expenses	168,641	192,269
	<u>7,053,476</u>	<u>6,693,819</u>
<b>Property, equipment and leaseholds (Note 5)</b>	8,047,530	7,867,672
<b>Patents (Note 6)</b>	204,945	225,180
<b>Long term deposits (Note 7)</b>	7,518	7,895
<b>Deferred tax asset</b>	219,000	199,000
	<u>\$ 15,532,469</u>	<u>\$ 14,993,565</u>
<b>Liabilities</b>		
<b>Current</b>		
Accounts payable and accrued liabilities	\$ 688,594	\$ 512,380
Deferred revenue	313,005	250,000
Taxes payable	330,000	620,000
Short term line of credit (Note 8)	1,500,000	-
Current portion of long term debt (Note 9)	330,368	122,726
	<u>3,161,967</u>	<u>1,505,106</u>
<b>Long Term</b>		
Loans	1,791,566	2,206,075
	<u>\$ 4,953,533</u>	<u>\$ 3,711,181</u>
<b>Stockholders' Equity</b>		
<b>Capital stock</b>		
Authorized		
50,000,000 Common shares with a par value of \$0.001 each		
1,000,000 Preferred shares with a par value of \$0.01 each		
Issued and outstanding		
13,169,991 (2010: 13,962,567) common shares	13,170	13,963
<b>Capital in excess of par value</b>	15,730,843	16,638,227
<b>Other comprehensive income</b>	319,049	554,865
<b>Deficit</b>	<u>(5,484,126 )</u>	<u>(5,924,671)</u>
<b>Total Stockholders' Equity</b>	<u>10,578,936</u>	<u>11,282,384</u>
<b>Total Liabilities and Stockholders' Equity</b>	<u>\$ 15,532,469</u>	<u>\$ 14,993,565</u>
<b>Commitments and contingencies (Note 14 and 15)</b>		

-- See Notes to Unaudited Consolidated Financial Statements --

**FLEXIBLE SOLUTIONS INTERNATIONAL, INC.**  
**CONSOLIDATED STATEMENTS OF OPERATIONS**  
**For the Three Months Ended September 30, 2011 and 2010**  
**(U.S. Dollars -- Unaudited)**

	<u>Three Months Ended September 30,</u>	
	<u>2011</u>	<u>2010</u>
<b>Sales</b>	\$ 3,861,195	\$ 2,676,921
<b>Cost of sales</b>	<u>2,708,051</u>	<u>1,833,666</u>
<b>Gross profit</b>	<u>1,153,144</u>	<u>843,255</u>
<b>Operating expenses</b>		
Wages	410,470	448,281
Administrative salaries and benefits	86,651	63,070
Advertising and promotion	21,073	12,004
Investor relations and transfer agent fee	50,115	24,970
Office and miscellaneous	92,953	155,294
Insurance	66,144	51,511
Interest expense	28,568	17,313
Rent	47,171	42,807
Consulting	26,981	23,583
Professional fees	89,911	50,634
Travel	24,090	29,741
Telecommunications	8,745	8,734
Shipping	8,752	7,063
Research	20,836	18,954
Commissions	6,888	10,525
Currency exchange	(12,566)	2,548
Utilities	<u>21,074</u>	<u>22,497</u>
Total operating expenses	<u>997,856</u>	<u>989,530</u>
<b>Operating income (loss)</b>	155,288	(146,275)
<b>Interest income</b>	<u>53</u>	<u>-</u>
<b>Income (loss) before income tax</b>	<u>155,341</u>	<u>(146,275)</u>
<b>Deferred tax (recovery)</b>	(20,000)	
<b>Provision for income taxes</b>	<u>267,634</u>	<u>9,140</u>
<b>Net income (loss)</b>	(92,293)	(155,415)
<b>Net income (loss) per share (basic)</b>	\$ (0.01)	\$ (0.01)
<b>Net income (loss) per share (diluted)</b>	\$ (0.01)	\$ (0.01)
<b>Weighted average number of common shares (basic)</b>	<u>13,169,991</u>	<u>13,962,567</u>
<b>Weighted average number of common shares (diluted)</b>	<u>13,507,833</u>	<u>13,962,567</u>

-- See Notes to Unaudited Consolidated Financial Statements --

**FLEXIBLE SOLUTIONS INTERNATIONAL, INC.**  
**CONSOLIDATED STATEMENTS OF OPERATIONS**  
**For the Nine Months Ended September 30, 2011 and 2010**  
**(U.S. Dollars -- Unaudited)**

	<b>Nine Months Ended September 30,</b>	
	<b>2011</b>	<b>2010</b>
<b>Sales</b>	\$ 12,148,737	\$ 8,895,319
<b>Cost of sales</b>	7,528,651	5,278,845
<b>Gross profit</b>	4,620,086	3,616,474
<b>Operating expenses</b>		
Wages	1,299,421	1,239,072
Administrative salaries and benefits	273,042	242,141
Advertising and promotion	77,548	64,202
Investor relations and transfer agent fee	137,781	73,817
Office and miscellaneous	347,278	349,918
Insurance	180,967	150,791
Interest expense	68,657	54,407
Rent	136,377	126,365
Consulting	80,375	80,366
Professional fees	309,210	143,035
Travel	96,544	80,678
Telecommunications	27,257	27,360
Shipping	25,188	23,421
Research	56,265	66,808
Commissions	104,127	87,980
Bad debt expense (recovery)	-	5,253
Currency exchange	22,040	5,092
Utilities	74,880	77,879
	3,316,957	2,898,588
<b>Income (loss) before other items and income tax</b>	1,303,129	717,886
<b>Other expenses</b>	-	-
<b>Interest income</b>	53	-
<b>Income (loss) before income tax</b>	1,303,182	717,886
<b>Deferred tax (recovery)</b>	(20,000)	-
<b>Income tax (recovery)</b>	882,634	491,220
<b>Net income (loss)</b>	440,548	226,666
<b>Net income (loss) per share (basic)</b>	\$ 0.03	\$ 0.02
<b>Net income (loss) per share (diluted)</b>	\$ 0.03	\$ 0.02
<b>Weighted average number of common shares (basic)</b>	13,269,926	13,962,567
<b>Weighted average number of common shares (diluted)</b>	13,443,795	13,962,567

-- See Notes to Unaudited Consolidated Financial Statements --

**FLEXIBLE SOLUTIONS INTERNATIONAL, INC.**  
**CONSOLIDATED STATEMENTS OF CASH FLOWS**  
**For the Nine Months Ended September 30, 2011 and 2010**  
**(U.S. Dollars -- Unaudited)**

	<u>Nine Months Ended September 30,</u>	
	<u>2011</u>	<u>2010</u>
<b>Operating activities</b>		
Net income (loss)	\$ 440,548	\$ 226,666
Stock compensation expense	122,027	108,539
Depreciation	248,084	266,483
Changes in non-cash working capital items:		
(Increase) Decrease in accounts receivable	(1,506,121)	(450,232 )
(Increase) Decrease in inventory	(1,359,881)	263,276
(Increase) Decrease in prepaid expenses	18,784	(130,286 )
(Increase) Decrease in deferred tax asset	(20,000)	30,000
Increase (Decrease) in accounts payable	206,476	(150,133 )
Increase (Decrease) in taxes payable	(290,000)	-
Increase (Decrease) in deferred revenue	62,975	25,000
<b>Cash provided by (used in) operating activities</b>	<u>(2,077,108)</u>	<u>189,313</u>
<b>Investing activities</b>		
Acquisition of property and equipment	<u>(740,816)</u>	<u>(428,598 )</u>
<b>Cash provided by (used in) investing activities</b>	<u>(740,816)</u>	<u>(428,598 )</u>
<b>Financing activities</b>		
Short term line of credit	1,500,000	-
Loan (repayment)	(94,164)	(53,629 )
Purchase of common stock	<u>(1,030,349)</u>	<u>-</u>
<b>Cash provided (used) by financing activities</b>	<u>375,487</u>	<u>(53,629 )</u>
Effect of exchange rate changes on cash	<u>(1,677)</u>	<u>16,537</u>
<b>Inflow (outflow) of cash</b>	<u>(2,444,114)</u>	<u>(276,377 )</u>
Cash and cash equivalents, beginning	<u>2,763,420</u>	<u>2,126,150</u>
<b>Cash and cash equivalents, ending</b>	<u>\$ 319,306</u>	<u>\$ 1,849,773</u>
<b>Supplemental disclosure of cash flow information:</b>		
Income taxes paid	\$ 1,175,000	\$ 491,220
Interest paid	<u>\$ 68,657</u>	<u>\$ 54,407</u>

-- See Notes to Unaudited Consolidated Financial Statements --

**FLEXIBLE SOLUTIONS INTERNATIONAL, INC.**  
**NOTES TO CONSOLIDATED FINANCIAL STATEMENTS**  
**For the Period Ended September 30, 2011**  
**(U.S. Dollars)**

**1. BASIS OF PRESENTATION.**

These unaudited consolidated financial statements of Flexible Solutions International, Inc (the “Company”) have been prepared in accordance with accounting principles generally accepted in the United States for interim financial information. These financial statements are condensed and do not include all disclosures required for annual financial statements. The organization and business of the Company, accounting policies followed by the Company and other information are contained in the notes to the Company’s audited consolidated financial statements filed as part of the Company’s December 31, 2010 Annual Report on Form 10-K. This quarterly report should be read in conjunction with such annual report.

In the opinion of the Company’s management, these consolidated financial statements reflect all adjustments necessary to present fairly the Company’s consolidated financial position at September 30, 2011, the consolidated results of operations for the three and nine months ended September 30, 2011 and 2010, and the consolidated statements of cash flows for the nine months ended September 30, 2011 and 2010. The results of operations for the three and nine months ended September 30, 2011 are not necessarily indicative of the results to be expected for the entire fiscal year.

These consolidated financial statements include the accounts of Flexible Solutions International, Inc. (the “Company”), and its wholly-owned subsidiaries Flexible Solutions, Ltd. (“Flexible Ltd.”) and NanoChem Solutions Inc. All inter-company balances and transactions have been eliminated. The Company was incorporated May 12, 1998 in the State of Nevada and had no operations until June 30, 1998.

The Company and its subsidiaries develop, manufacture and market specialty chemicals which slow the evaporation of water. The Company’s primary product, HEAT\$AVR®, is marketed for use in swimming pools and spas where its use, by slowing the evaporation of water, allows the water to retain a higher temperature for a longer period of time and thereby reduces the energy required to maintain the desired temperature of the water in the pool. Another product, WATER\$AVR®, is marketed for water conservation in irrigation canals, aquaculture, and reservoirs where its use slows water loss due to evaporation. In addition to the water conservation products, the Company also manufactures and markets water-soluble chemicals utilizing thermal polyaspartate biopolymers (hereinafter referred to as “TPAs”), which are beta-proteins manufactured from the common biological amino acid, L-aspartic. TPAs can be formulated to prevent corrosion and scaling in water piping within the petroleum, chemical, utility and mining industries. TPAs are also used as proteins to enhance fertilizers in improving crop yields and as additives for household laundry detergents, consumer care products and pesticides.

**2. SIGNIFICANT ACCOUNTING POLICIES.**

These consolidated financial statements have been prepared in accordance with accounting principles generally accepted in the United States applicable to a going concern and reflect the policies outlined below.

(a) *Cash and Cash Equivalents.*

The Company considers all highly liquid investments purchased with an original or remaining maturity of less than three months at the date of purchase to be cash equivalents. Cash and cash equivalents are maintained with several financial institutions.

(b) *Inventories and Cost of Sales*

The Company has four major classes of inventory: finished goods, work in progress, raw materials and supplies. In all classes, inventory is valued at the lower of cost or market. Cost is determined on a first-in, first-out basis. Cost of sales includes all expenditures incurred in bringing the goods to the point of sale. Inventory costs and costs of sales include direct costs of the raw material, inbound freight charges, warehousing costs, handling costs (receiving and purchasing) and utilities and overhead expenses related to the Company's manufacturing and processing facilities.

(c) *Allowance for Doubtful Accounts*

The Company provides an allowance for doubtful accounts when management estimates collectibility to be uncertain. Accounts receivable are continually reviewed to determine which, if any, accounts are doubtful of collection. In making the determination of the appropriate allowance amount, the Company considers current economic and industry conditions, relationships with each significant customer, overall customer credit-worthiness and historical experience.

(d) *Property, Equipment and Leaseholds.*

The following assets are recorded at cost and depreciated using the methods and annual rates shown below:

Computer hardware	30% Declining balance
Automobile	30% Declining balance
Trade show booth	30% Declining balance
Furniture and fixtures	20% Declining balance
Manufacturing equipment	20% Declining balance
Office equipment	20% Declining balance
Building and improvements	10% Declining balance
Leasehold improvements	Straight-line over lease term

Depreciation is recorded at half for the year the assets are first purchased. Property and equipment are written down to net realizable value when management determines there has been a change in circumstances which indicates its carrying amount may not be recoverable. No write-downs have been necessary to date.

Costs capitalized on self-constructed assets classified as plant under construction, include contracted costs and supplies. The Company does not commence depreciating its plant under construction until it becomes operational.

(e) *Impairment of Long-Lived Assets.*

In accordance with FASB Codification Topic 360, "Property, Plant and Equipment (ASC 360), the Company reviews long-lived assets, including, but not limited to, property and equipment, patents and other assets, for impairment annually or whenever events or changes in circumstances indicate the carrying amounts of assets may not be recoverable. The carrying value of long-lived assets is assessed for impairment by evaluating operating performance and future undiscounted cash flows of the underlying assets. If the sum of the expected future cash flows of an asset is less than its carrying value, an impairment measurement is indicated. Impairment charges are recorded to the extent that an asset's carrying value exceeds its fair value. Accordingly, actual results could vary significantly from such estimates. There were no impairment charges during the periods presented.

(f) *Foreign Currency.*

The functional currency of one of the Company's subsidiaries is the Canadian Dollar. The translation of the Canadian Dollar to the reporting currency of the U.S. Dollar is performed for assets and liabilities using exchange rates in effect at the balance sheet date. Revenue and expense transactions are translated using average exchange rates prevailing during the year. Translation adjustments arising on conversion of the financial statements from the subsidiary's functional currency, Canadian Dollars, into the reporting currency, U.S. Dollars, are excluded from the determination of income (loss) and are disclosed as other comprehensive income (loss) in stockholders' equity.

Foreign exchange gains and losses relating to transactions not denominated in the applicable local currency are included in operating income (loss).

(g) *Revenue Recognition.*

Revenue from product sales is recognized at the time the product is shipped since title and risk of loss is transferred to the purchaser upon delivery to the carrier. Shipments are made F.O.B. shipping point. The Company recognizes revenue when there is persuasive evidence of an arrangement, delivery to the carrier has occurred, the fee is fixed or determinable, collectability is reasonably assured and there are no significant remaining performance obligations. When significant post-delivery obligations exist, revenue is deferred until such obligations are fulfilled. To date there have been no such significant post-delivery obligations.

Provisions are made at the time the related revenue is recognized for estimated product returns. Since the Company's inception, product returns have been insignificant; therefore no provision has been established for estimated product returns.

(h) *Stock Issued in Exchange for Services.*

The Company's common stock issued in exchange for services is valued at an estimated fair market value based upon trading prices of the Company's common stock on the dates of the stock transactions. The corresponding expense of the services rendered is recognized over the period that the services are performed.

(i) *Stock-based Compensation.*

The Company recognizes compensation expense for all share-based payments, in accordance with FASB Codification Topic 718, *Compensation — Stock Compensation*, (ASC 718). Under the fair value recognition provisions of ASC 718, the Company recognizes share-based compensation expense, net of an estimated forfeiture rate, over the requisite service period of the award.

The fair value at grant date of stock options is estimated using the Black-Scholes-Merton option-pricing model. Compensation expense is recognized on a straight-line basis over the stock option vesting period based on the estimated number of stock options that are expected to vest.

(j) *Comprehensive Income.*

Other comprehensive income refers to revenues, expenses, gains and losses that under generally accepted accounting principles are included in comprehensive income, but are excluded from net income as these amounts are recorded directly as an adjustment to stockholders' equity. The Company's other comprehensive income is primarily comprised of unrealized foreign exchange gains and losses.

(k) *Income (loss) Per Share.*

Basic earnings (loss) per share is computed by dividing income (loss) available to common stockholders by the weighted average number of common shares outstanding in the period. Diluted earnings (loss) per share are calculated giving effect to the potential dilution of the exercise of options and warrants. Common equivalent shares, composed of incremental common shares issuable upon the exercise of stock options and warrants are included in diluted net income per share to the extent that these shares are dilutive. Common equivalent shares that have an anti-dilutive effect on net income per share have been excluded from the calculation of diluted weighted average shares outstanding for the three and nine months ended September 30, 2011 and 2010.

(l) *Use of Estimates.*

The preparation of consolidated financial statements in conformity with accounting principles generally accepted in the United States requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities at the date of the consolidated financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates and would impact the results of operations and cash flows.

(m) *Financial Instruments.*

The fair market value of the Company's financial instruments comprising cash and cash equivalents, accounts receivable, accounts payable and accrued liabilities were estimated to approximate their carrying values due to immediate or short-term maturity of these financial instruments. The Company maintains cash balances at financial institutions which at times, exceed federally insured amounts. The Company has not experienced any material losses in such accounts.

The Company is exposed to foreign exchange and interest rate risk to the extent that market value rate fluctuations materially differ from financial assets and liabilities, subject to fixed long-term rates.

(n) *Fair Value of Financial Instruments*

In August 2009, an update was made to *Fair Value Measurements and Disclosures* — “*Measuring Liabilities at Fair Value.*” This update permits entities to measure the fair value of liabilities, in circumstances in which a quoted price in an active market for an identical liability is not available, using a valuation technique that uses a quoted price of an identical liability when traded as an asset, quoted prices for similar liabilities or similar liabilities when traded as assets or the income or market approach that is consistent with the principles of *Fair Value Measurements and Disclosures*. Effective upon issuance, the Company has adopted this guidance with no material impact to the Company's consolidated financial statements.

Fair value is defined as the exchange price that would be received for an asset or paid to transfer a liability (an exit price) in the principal or most advantageous market for the asset or liability in an orderly transaction between market participants on the measurement date. Valuation techniques used to measure fair value must maximize the use of observable inputs and minimize the use of unobservable inputs. The standard describes a fair value hierarchy based on three levels of inputs described below, of which the first two are considered observable and the last unobservable, that may be used to measure fair value.

- Level 1 – Quoted prices in active markets for identical assets or liabilities
- Level 2 – Inputs other than Level 1 that are observable, either directly or indirectly, such as quoted prices for similar assets or liabilities; quoted prices in markets that are not active; or other inputs that

are observable or can be corroborated by observable market data for substantially the full term of the assets or liabilities.

- Level 3 — Unobservable inputs that are supported by little or no market activity and that are significant to the fair value of the assets or liabilities.

The fair values of cash and cash equivalents, accounts receivable, accounts payable and accrued liabilities for all periods presented approximate their respective carrying amounts due to the short term nature of these financial instruments. Long term debt relates to borrowings from governmental entities and as such no interest has been imputed on the non-interest bearing loan.

(o) *Contingencies*

Certain conditions may exist as of the date the financial statements are issued, which may result in a loss to the Company but which will only be resolved when one or more future events occur or fail to occur. The Company's management and its legal counsel assess such contingent liabilities, and such assessment inherently involves an exercise of judgment. In assessing loss contingencies related to legal proceedings that are pending against the Company or unasserted claims that may result in such proceedings, the Company's legal counsel evaluates the perceived merits of any legal proceedings or unasserted claims as well as the perceived merits of the amount of relief sought or expected to be sought therein.

(p) *Income Taxes*

Income taxes are accounted for under the asset and liability method. Deferred tax assets and liabilities are recognized for the expected future tax consequences attributable to temporary differences between the financial statement carrying amounts of existing assets and liabilities and their respective tax bases and operating loss and tax credit carryforwards. Deferred tax assets and liabilities are measured using enacted tax rates expected to apply to taxable income in the years in which those temporary differences are expected to be recovered or settled. The effect on deferred tax assets and liabilities of a change in tax rates is recognized in income in the period that includes the enactment date. Deferred tax assets are reduced by a valuation allowance so that the assets are recognized only to the extent that when, in the opinion of management, it is more likely than not that some portion or all of the deferred tax assets will be realized.

Per FASB ASC 740 "Income taxes" under the liability method, it is the Company's policy to provide for uncertain tax positions and the related interest and penalties based upon management's assessment of whether a tax benefit is more likely than not to be sustained upon examination by tax authorities. At September 30, 2011, the Company believes it has appropriately accounted for any unrecognized tax benefits. To the extent the Company prevails in matters for which a liability for an unrecognized benefit is established or is required to pay amounts in excess of the liability, the Company's effective tax rate in a given financial statement period may be affected. Interest and penalties associated with the Company's tax positions are recorded as Interest Expense.

(q) *Risk Management*

The Company's credit risk is primarily attributable to its account receivables. The amounts presented in the accompanying consolidated balance sheets are net of allowances for doubtful accounts, estimated by the Company's management based on prior experience and the current economic environment. The Company is exposed to credit-related losses in the event of non-performance by counterparties to the financial instruments. Credit exposure is minimized by dealing with only credit worthy counterparties. Accounts receivable for the Company's three primary customers totals \$1,893,827 (70%) as at September 30, 2011 (2010 - \$1,184,245 or 59%).

The credit risk on cash and cash equivalents is limited because the Company limits its exposure to credit loss by placing its cash and cash equivalents with major financial institutions.

The Company is not exposed to significant interest rate risk to the extent that the long term debt maintained from the foreign government agencies is subject to a fixed rate of interest.

In order to manage its exposure to foreign exchange risks, the Company is closely monitoring the fluctuations in the foreign currency exchange rates and the impact on the value of cash and cash equivalents, accounts receivable, accounts payable, and accrued liabilities.

( r ) *Recently Adopted Accounting Pronouncements*

In December 2010, the FASB issued ASU No. 2010-29, —Business Combinations (Topic 805): Disclosure of Supplementary Pro Forma Information for Business Combinations (—ASU 2010-29). The amendments in this ASU specifies that if a public entity presents comparative financial statements, the entity should disclose revenue and earnings of the combined entity as though the business combination(s) that occurred during the current year had occurred as of the beginning of the comparable prior annual reporting period only. The amendments also expand the supplementary pro forma disclosures to include a description of the nature and amount of material, nonrecurring pro forma adjustments directly attributable to the business combination included in the reported pro forma revenue and earnings. The amendments are effective prospectively for business combinations for which the acquisition date is on or after the beginning of the first annual reporting period beginning on or after December 15, 2010. The adoption of ASU 2010-29 on January 1, 2011 did not have a material impact on the Company's Consolidated Financial Statements.

In December 2010, the FASB issued ASU No. 2010-28, —Intangibles – Goodwill and Other (Topic 350): When to Perform Step 2 of the Goodwill Impairment Test for Reporting Units with Zero or Negative Carrying Amounts (—ASU 2010-28). For reporting units with zero or negative carrying amounts, this ASU requires that an entity perform Step 2 of the goodwill impairment test if it is more likely than not that a goodwill impairment exists. In determining whether it is more likely than not that a goodwill impairment exists, an entity should consider whether there are any adverse qualitative factors indicating that an impairment may exist. The qualitative factors are consistent with the existing guidance and examples, which require that goodwill of a reporting unit be tested for impairment between annual tests if an event occurs or circumstances change that would more likely than not reduce the fair value of a reporting unit below its carrying amount. The amendments in this ASU are effective for fiscal years, and interim periods within those years, beginning after December 15, 2010. The adoption of ASU 2010-28 on January 1, 2011 did not have an impact on the Company's Consolidated Financial Statements.

(s) Recent Accounting Pronouncements

In May 2011, the FASB issued Accounting Standards Update (ASU) No. 2011-04, *Amendments to Achieve Common Fair Value Measurement and Disclosure Requirements in U.S. GAAP and the International Financial Reporting Standards (IFRS)*. The amendments in this Update are intended to result in convergence between U.S. GAAP and IFRS requirements for measurement of, and disclosures about, fair value. ASU 2011-04 clarifies or changes certain fair value measurement principles and enhances the disclosure requirements particularly for Level 3 fair value measurements. The amendments in this update are to be applied prospectively. The amendments are effective during interim and annual periods beginning after December 15, 2011. The Company is evaluating the impact this standard may have on its consolidated financial statements.

In June 2011, the FASB issued ASU No. 2011-05, *Presentation of Comprehensive Income*. This guidance eliminates the current option to report other comprehensive income and its components in the statement of changes in equity. The guidance allows two presentation alternatives: (1) present items of net income and other comprehensive income in one continuous statement, referred to as the statement of comprehensive income; or (2) in two separate, but consecutive, statements of net income and other comprehensive income. This standard is effective during interim and annual periods beginning after December 15, 2011. Early adoption is permitted, but full retrospective application is required under both sets of accounting standards. The Company is evaluating the impact this standard may have on its consolidated financial statements.

**3. ACCOUNTS RECEIVABLE**

	September 30, 2011	December 31, 2010
Accounts receivable	\$ 2,705,558	\$ 1,212,428
Allowances for doubtful accounts	(12,799)	(13,489)
	<u>\$ 2,692,759</u>	<u>\$ 1,198,939</u>

The Company has pledged \$233,473 (2010 - \$190,889) of the above listed accounts receivable as collateral for the Flexible Solutions Ltd. loan from AFSC (see Note 9b).

**4. INVENTORIES**

	September 30, 2011	December 31, 2010
Completed goods	\$ 1,713,547	\$ 1,354,578
Works in progress	63,534	142,824
Raw materials	<u>2,095,689</u>	<u>1,041,788</u>
	<u>\$ 3,872,770</u>	<u>\$ 2,539,190</u>

## 5. PROPERTY, PLANT & EQUIPMENT

	September 30 2011 Cost	Accumulated Depreciation	September 30 2011 Net
Buildings	\$3,216,859	\$ 1,690,328	\$1,526,531
Plant under construction and equipment	5,429,844	—	5,429,844
Computer hardware	101,748	76,700	25,048
Furniture and fixtures	27,372	19,353	8,019
Office equipment	22,729	18,756	3,973
Manufacturing equipment	2,433,990	1,856,246	577,744
Trailer	26,630	18,910	7,720
Trade show booth	8,228	7,586	642
Truck	11,343	7,682	3,661
Land	464,348	—	464,348
	<u>\$11,743,091</u>	<u>\$ 3,695,561</u>	<u>\$ 8,047,530</u>

	December 31 2010 Cost	Accumulated Depreciation	December 31 2010 Net
Buildings	\$3,216,859	\$ 1,566,462	\$1,650,397
Plant under construction and equipment	5,059,497	—	5,059,497
Computer hardware	100,733	72,557	28,176
Furniture and fixtures	28,391	18,654	9,737
Office equipment	23,954	19,028	4,926
Manufacturing equipment	2,392,162	1,772,207	619,955
Trailer	28,065	17,566	10,498
Trade show booth	8,736	7,863	873
Truck	11,954	6,976	4,979
Land	478,634	—	478,634
	<u>\$11,348,985</u>	<u>\$ 3,481,313</u>	<u>\$ 7,867,672</u>

Amount of depreciation expense for the nine months ended September 30, 2011: \$248,076 (nine months ended September 30, 2010: \$269,209)

As of September 30, 2011, the following capitalized costs pertaining to the Company's new plant in Taber, Alberta are classified as Plant Under Construction and Equipment and include contracted costs and supplies. The Company will not begin depreciating the Plant and Equipment until it becomes operational.

	<u>September 30, 2011</u>	<u>December 31, 2010</u>
Building	1,009,119	1,063,471
Building improvements	1,032,991	1,085,613
Manufacturing equipment	3,257,405	2,773,064
Technology	130,329	137,349
	<u>5,429,844</u>	<u>5,059,497</u>

The following carrying amount of capital assets held by Flexible Solutions Ltd. serves as collateral for the AFSC loan. (See Note 9b):

Land	\$ 265,255
Building	1,005,710
Building improvements	1,032,991
Manufacturing equipment	3,313,479
Trailer	7,720
Truck	3,661
Trade show booth	642
Technology	130,329

## 6. PATENTS

In fiscal 2005, the Company started the patent process for additional WATER\$AVR® products. Patents associated with these costs were granted in 2006 and they have been amortized over their legal life of 17 years.

Of the patents costs listed below, \$82,945 (2010 - \$79,942) are not subject to amortization as of September 30, 2011, as the patents are still in the process of being approved.

	September 30 2011 Cost	Accumulated Amortization	September 30 2011 Net
Patents	\$ 252,938	\$ 47,993	\$ 204,945

	December 31 2010 Cost	Accumulated Amortization	December 31 2010 Net
Patents	\$ 266,530	\$ 41,350	\$ 225,180

Decrease in 2011 cost was due to currency conversion. 2011 cost in Canadian dollars - \$265,102 (2010 - \$265,102 in Canadian dollars).

Amount of depreciation for nine months ended September 30, 2011 - \$9,265 (nine months ended September 30, 2010 - \$8,844)

Estimated depreciation expense over the next five years is as follows:

2011	\$ 12,828
2012	12,828
2013	12,828
2014	12,828
2015	12,828

## 7. LONG TERM DEPOSITS

The Company has reclassified certain security deposits to better reflect their long term nature. Long term deposits consist of damage deposits held by landlords and security deposits held by various vendors.

	2011	2010
Long term deposits	\$ 7,518	\$ 7,895

## 8. SHORT-TERM LINE OF CREDIT

On February 28, 2011, the Company entered into a Business Loan Agreement (the Revolving Line of Credit Agreement) with Harris Bank (the Bank). The Revolving Line of Credit Agreement provides for a secured working capital-based revolving line of credit (the —Revolving Line) in an aggregate amount of up to the lesser of (i) \$1,500,000, or (ii) 75% of eligible domestic accounts receivable and certain foreign accounts receivable plus 40% of inventory. Amounts advanced under the Revolving Line bear interest at an annual rate equal to the lender's prime rate plus 0.75%. Interest on the Revolving Line is due monthly, with the balance due on February 28, 2012, which is the scheduled maturity date for the Revolving Line.

The Revolving Line of Credit contains customary affirmative and negative covenants, including the following: compliance with laws, provision of financial statements and periodic reports, payment of taxes, maintenance of inventory and insurance, maintenance of operating accounts at the Bank, the Bank's access to collateral, formation or acquisition of subsidiaries, incurrence of indebtedness, dispositions of assets, granting liens, changes in business, ownership or business locations, engaging in mergers and acquisitions, making investments or distributions and affiliate transactions. The covenants also require that the Company maintain a minimum ratio of qualifying financial assets to the sum of qualifying financial obligations.

To secure the repayment of any amounts borrowed under the Revolving Line of Credit, the Company granted to the Bank a security interest in substantially all of its assets of NanoChem Solutions Inc., which assets do not include its intellectual property assets.

Short-term borrowings outstanding under the Revolving Line as of September 30, 2011 were \$1,500,000. The weighted-average interest rate on short-term borrowings outstanding as of September 30, 2011 was 4.0%.

## 9. LONG TERM DEBT

(a) The Company has received a non-interest bearing loan from the Department of Agriculture and Agri-Food Canada ("AAFC"). Eligible for up to \$1,000,000 Canadian funds, the Company had an outstanding balance of \$910,801 in Canadian funds (\$910,801 US) as of September 30, 2011, on an unsecured basis. If the full amount is borrowed, the repayment schedule is as follows:

<u>Amount Due (in CDN funds)</u>	<u>Payment Due Date</u>
\$200,000	January 1, 2012
\$200,000	January 1, 2013
\$200,000	January 1, 2014
\$200,000	January 1, 2015
\$200,000	January 1, 2016

(b) The Company has also received a 5% simple interest loan from Agriculture Financial Services Corp. (“AFSC”). Eligible for up to \$2,000,000 in Canadian funds, the Company had an outstanding balance of \$1,313,410 in Canadian funds (\$1,253,015 US) as of September 30, 2011. The Company was required to make interest payments until May 1, 2010 and then effective May 1, 2010 equal monthly payments of principal and interest of \$15,829 in Canadian funds (\$15,101 US) until May 1, 2014. The Company has pledged its building in Taber, Alberta, as well as equipment, inventory and accounts receivable (see Notes 3 and 5) as collateral.

**Continuity:**

Balance at December 31, 2009	\$	2,285,314
Less: loan repayment		(75,642)
Effect of exchange rate		119,129
Balance at December 31, 2010	\$	2,328,801
Less: loan repayment		(94,143)
Effect of exchange rate		(112,724)
Balance at September 30, 2011	\$	2,121,934

**Outstanding balance at:**

	<b>2011</b>	<b>2010</b>
a) Long term debt – AAFC	\$ 868,919	\$ 915,719
b) Long term debt – AFSC	1,253,015	1,413,082
Long term debt	<u>\$ 2,121,934</u>	<u>\$ 2,328,801</u>
Less current portion	(330,368)	(122,726)
	<u>\$ 1,791,566</u>	<u>\$ 2,206,075</u>

**10. STOCK OPTIONS**

The Company adopted a stock option plan ("Plan"). The purpose of this Plan is to provide additional incentives to key employees, officers, directors and consultants of the Company and its subsidiaries in order to help attract and retain the best available personnel for positions of responsibility and otherwise promoting the success of its business. It is intended that options issued under this Plan constitute non-qualified stock options. The general terms of awards under the option plan are that 100% of the options granted will vest the year following the grant. The maximum term of options granted is 5 years.

The Company may issue stock options and stock bonuses for shares of its common stock to provide incentives to directors, key employees and other persons who contribute to the success of the Company. The exercise price of all options is not less than fair market value at the date of grant.

The following table summarizes the Company's stock option activity for the years ended December 31, 2009, 2010 and the period ended September 30, 2011:

	Number of shares	Exercise price per share	Weighted average exercise price	Weighted average remaining contractual life
Balance, December 31, 2008	1,910,700	\$3.00 - \$4.55	\$3.38	2 years
Granted	122,000	\$2.25	\$2.25	
Cancelled or expired	(204,740)	\$3.00 - \$4.60	\$3.74	
Balance, December 31, 2009	1,546,700	\$2.25 - \$3.85	\$3.25	1.25 years
Granted	315,000	\$1.50 - 2.25	\$1.87	
Cancelled or expired	(25,000)	\$1.50 - 3.85	\$1.97	
Balance, December 31, 2010	1,836,700	\$1.50 - 3.60	\$3.03	1.25 years
Granted	543,000	\$1.50 - 2.00	\$1.61	
Cancelled or expired	1,177,000	\$1.90 - 3.60	\$3.20	
Balance, September 30, 2011	1,202,700	\$1.50 - 3.60	\$2.34	3 years
Exercisable, September 30, 2011	448,700	\$1.50 - 3.60	\$2.10	

The intrinsic value at September 30, 2011 is \$564,140 (December 31, 2010 – nil)

The fair value of each option grant is calculated using the following weighted average assumptions:

	2011	2010
Expected life – years	5.0	5.0
Interest rate	0.79 - 1.8%	1.4 - 2.49%
Volatility	60 - 62%	60%
Dividend yield	—%	—%
Weighted average fair value of options granted	\$ 0.39 - 0.50	\$ 0.29-0.70

During the nine months ended September 30, 2011 the Company granted 231,000 options to consultants that resulted in \$39,697 in expenses this period. During the same period, 312,000 options were granted to employees, resulting in \$52,572 in expenses this period. Options granted in previous quarters resulted in additional expenses in the amount of \$29,744 for employees during the nine months ended September 30, 2011. No stock options were exercised during the period.

During the nine months ended September 30, 2010 the Company granted 61,000 options to consultants that resulted in \$15,024 in expenses for the period. During the same period, 254,000 options were granted to employees, resulting in \$45,046 in expenses for the period. Options granted in previous quarters resulted in additional expenses in the amount of \$15,855 for consultants and \$32,613 for employees during the nine months ended September 30, 2010. No stock options were exercised during the nine months ended September 30, 2010.

## 11. WARRANTS

On April 14, 2005, the Company announced that it had raised \$3,375,000 pursuant to a private placement. The investors in this offering purchased 900,000 shares of the Company's common stock at a per-share price of \$3.75, together with warrants to purchase up to 900,000 additional shares of the Company's common stock. The warrants originally had a 4 year term and were exercisable at a price of \$4.50 per share.

On June 8, 2005, the Company announced that it had raised an additional \$327,750 pursuant to a private placement. An investor purchased 87,400 shares of the Company's common stock at a per share price of \$3.75, together with a warrant to purchase up to 87,400 additional shares of the Company's common stock. The warrants originally had a 4 year term and were exercisable at a price of \$4.50 per share.

In February 2009, the Company amended the warrants granted in 2005 to a per share exercise price of \$4.00 and extended the exercise term until July 31, 2009.

In May 2007 the Company closed a \$3,042,455 private placement with institutional investors. The Company sold 936,140 units at a price of \$3.25 per unit. Each unit consisted of one share of common stock and one-half warrant with a three year term and an exercise price of \$4.50 per share. The Company also issued 21,970 warrants with the same terms for investment banking services related to this transaction.

In February 2010, the Company amended the warrants granted in 2007 to a per share exercise price of \$3.00 and extended the exercise term until December 31, 2010.

The following table summarizes the Company's warrant activity for the three years ended December 30, 2010 (no subsequent activity):

	Number of Shares	Exercise price per share	Weighted average exercise price
Balance December 31, 2007 and 2008	1,477,440	\$ 4.50	\$ 4.50
Granted	-	-	-
Exercised	-	-	-
Cancelled/Expired	987,400	\$ 4.50	\$ 4.50
Balance December 31, 2009	490,040	\$ 3.00	\$ 3.00
Granted			
Exercised			
Cancelled/Expired	490,040	\$ 3.00	\$ 3.00
Balance December 31, 2010 and September 30, 2011	-	-	-

## 12. CAPITAL STOCK.

On February 16, 2011 the Company repurchased and cancelled 792,576 shares of common stock for \$1.30 per share, for a total of \$1,030,349.

## 13. SEGMENTED, SIGNIFICANT CUSTOMER INFORMATION AND ECONOMIC DEPENDENCY.

The Company operates in two segments:

(a) Development and marketing of two lines of energy and water conservation products (as shown under the column heading "EWCP" below), which consists of a (i) liquid swimming pool blanket which saves energy and water by inhibiting evaporation from the pool surface, and (ii) food-safe powdered form of the active ingredient within the liquid blanket and which is designed to be used in still or slow moving drinking water sources.

(b) Manufacture of biodegradable polymers ("BCPA's") used by the petroleum, chemical, utility and mining industries to prevent corrosion and scaling in water piping. This product can also be used in detergents to increase biodegradability and in agriculture to increase crop yields by enhancing fertilizer uptake.

The accounting policies of the segments are the same as those described in Note 2, *Significant Accounting Policies*. The Company evaluates performance based on profit or loss from operations before income taxes, not including nonrecurring gains and losses and foreign exchange gains and losses.

The Company's reportable segments are strategic business units that offer different, but synergistic products and services. They are managed separately because each business requires different technology and marketing strategies.

Nine months ended September 30, 2011:

	EWCP	BPCA	Total
Revenue	\$ 855,060	\$ 11,293,677	\$ 12,148,737
Interest revenue	53	-	53
Interest expense	53,109	15,548	68,657
Depreciation and amortization	32,674	215,402	248,076
Segment profit (loss)	(1,299,359)	1,739,904	440,545
Segment assets	5,984,588	2,267,888	8,252,476
Expenditures for segment assets	675,313	65,503	740,816

Nine months ended September 30, 2010:

	EWCP	BPCA	Total
Revenue	\$ 814,613	\$ 8,080,706	\$ 8,895,319
Interest revenue	-	-	-
Interest expense	53,142	1,265	54,407
Depreciation and amortization	34,631	234,578	269,209
Segment profit (loss)	(1,208,559)	1,435,225	226,666
Segment assets	5,315,657	2,493,131	7,808,788
Expenditures for segment assets	296,639	131,959	428,598

The sales generated in the United States and Canada are as follows:

	2011	2010
Canada	\$ 443,064	\$ 292,226
United States and abroad	11,705,673	8,603,093
Total	\$ 12,148,737	\$ 8,895,319

The Company's property, equipment, leasehold and patents are located in Canada and the United States as follows:

	September 30 2011	December 31 2010
Canada	\$ 5,984,587	\$ 5,675,065
United States	2,267,888	2,417,787
<b>Total</b>	<b>\$ 8,252,475</b>	<b>\$ 8,092,852</b>

Three customers accounted for \$7,150,435 (59%) of sales made in the period (2010 - \$5,358,184 or 60%).

#### **14. COMMITMENTS.**

The Company is committed to minimum rental payments for property and premises aggregating approximately \$249,781 over the term of three leases, the last expiring on July 31, 2014.

Commitments in each of the next four years are approximately as follows:

2011	37,225
2012	79,842
2013	82,693
2014	50,021

#### **15. CONTINGENCIES**

On June 29, 2011, WaterSavr Singapore Pte. Ltd., a former distributor of the Company's WATERSAVR product, initiated an arbitration proceeding with the American Arbitration Association in New York, NY asserting multiple claims. The Company denies the allegations and intends to defend itself vigorously. At this time the amount and outcome of the claims are indeterminable.

#### **16. COMPARATIVE FIGURES.**

Certain of the comparative figures have been reclassified to conform with the current year's presentation.

## Item 2. Management's Discussion and Analysis of Results of Operation and Financial Condition.

### Overview

The Company develops, manufactures and markets specialty chemicals that slow the evaporation of water. The Company also manufactures and markets biodegradable polymers which are used in the oil, gas and agriculture industries.

### Results of Operations

The Company has two product lines:

Energy and Water Conservation products - The Company's HEAT\$AVR® product is used in swimming pools and spas. The product forms a thin, transparent layer on the water's surface. The transparent layer slows the evaporation of water, allowing the water to retain a higher temperature for a longer period of time and thereby reducing the energy required to maintain the desired temperature of the water. WATER\$AVR®, a modified version of HEAT\$AVR®, can be used in reservoirs, potable water storage tanks, livestock watering ponds, canals, and irrigation ditches.

BCPA products - The second product, TPA's (i.e. thermal polyaspartate biopolymers), are biodegradable polymers used by the petroleum, chemical, utility and mining industries to prevent corrosion and scaling in water piping. This product can also be used in detergents to increase biodegradability and in agriculture to increase crop yields by enhancing fertilizer uptake.

Material changes in the Company's Statement of Operations for the three and nine months ended September 30, 2011 are discussed below:

#### Nine Months ended September 30, 2011

<u>Item</u>	<u>Increase (I) or Decrease (D)</u>	<u>Reason</u>
Sales		
BPCA products	I	Increased sales across all markets due to increased success in marketing.
Gross Profit	I	Increased sales.
Investor relations and transfer agent fees	I	Additional costs have been contracted to increase investor awareness of the Company.
Professional fees	I	Legal costs to protect the Company's intellectual property have increased due to new patent filings and some litigation costs.
Commissions	I	Increased sales.
Income tax	I	The effective tax rate differs from the statutory rate principally due to losses in the company's Canadian subsidiary offsetting profits in the company's US subsidiary on a consolidated basis.

### Three months ended September 30, 2011

<u>Item</u>	<u>Increase (I) or Decrease (D)</u>	<u>Reason</u>
Sales		
BPCA products	I	Increased sales across all markets due to increased success in marketing.
Gross Profit	I	Increased sales.
Investor relations and transfer agent fees	I	Additional costs have been contracted to increase investor awareness of the Company
Office and Miscellaneous	D	Various administrative costs associated with the start up of the new manufacturing facility have been allocated to this account. Once the facility is operational, these costs will be allocated to overhead.
Professional fees	I	Legal costs to protect the Company's intellectual property have increased due to new patent filings and some litigation costs.
Commissions	D	Sales not subject to commissions increased against sales subject to commissions.
Income tax	I	The effective tax rate differs from the statutory rate principally due to losses in the company's Canadian subsidiary offsetting profits in the company's US subsidiary on a consolidated basis.

### **Capital Resources and Liquidity**

The Company's sources and (uses) of cash for the nine months ended September 30, 2011 and 2010 are shown below:

	<u>2011</u>	<u>2010</u>
Cash provided (used) by operations	(2,080,340)	189,313
Construction of plant in Taber, AB	(675,313)	(269,639)
Purchases of equipment	(65,503)	(131,959)
Short term line of credit	1,500,000	-
Repayment of loans	(94,164)	(53,629)
Purchase of common stock	(1,030,349)	-
Changes in exchange rates	(1,677)	16,537

In February 2011 the Company purchased 792,576 shares of its common stock from unrelated third parties. The shares were acquired in privately negotiated transactions for a total purchase price of \$1,030,349. None of the share were acquired in open market transactions.

In 2007, the Company began construction of a plant in Taber Alberta. The plant will be used to manufacture aspartic acid which is the major component of TPAs. Presently the Company buys its aspartic acid from China where the base raw material is oil. The Company's plant in Taber will use sugar as the base

raw material. Although the Company expects that it will still import some aspartic acid from China, using aspartic acid manufactured by its plant from sugar will reduce its raw material costs, reduce price fluctuations generated by oil prices and reduce shipping costs.

The Company announced commercial production at its Taber plant subsequent to the end of the third quarter.

The Company has sufficient cash resources to meet its future commitments and cash flow requirements for the coming year. As of September 30, 2011 working capital was \$3,891,509 (2010 - \$5,118,713) and the Company has no substantial commitments that require significant outlays of cash over the coming fiscal year other than repayment of the long-term loans.

The Company is committed to minimum rental payments for property and premises aggregating approximately \$249,781 over the term of three leases, the last expiring on July 31, 2014.

Commitments in each of the next four years are approximately as follows:

2011	37,225
2012	79,842
2013	82,693
2014	50,021

Other than as disclosed in this report, the Company does not know of any trends, demands, commitments, events or uncertainties that will result in, or that are reasonably likely to result in, the Company's liquidity increasing or decreasing in any material way.

Other than as disclosed in this report, the Company does not know of any significant changes in its expected sources and uses of cash.

See Note 8 to the financial statements included as part of this report for a description of the Company's revolving line of credit.

See Note 2 to the financial statements included as part of this report for a description of the Company's significant accounting policies and recent accounting pronouncements.

#### **Item 4. CONTROLS AND PROCEDURES**

##### Evaluation of Disclosure Controls and Procedures

Under the direction and with the participation of our management, including our Principal Executive and Financial Officer, we conducted an evaluation of the effectiveness of the design and operation of our disclosure controls and procedures as of September 30, 2011. We maintain disclosure controls and procedures that are designed to ensure that information required to be disclosed in our periodic reports with the Securities and Exchange Commission is recorded, processed, summarized and reported within the time periods specified in the SEC's rules and regulations, and that such information is accumulated and communicated to our management, including our principal executive and financial officer, as appropriate, to allow timely decisions regarding required disclosure. Our disclosure controls and procedures are designed to provide a reasonable level of assurance of reaching desired disclosure control objectives. Based on the evaluation, our Principal Executive and Financial Officer concluded that these disclosure controls and procedures are effective as of September 30, 2011.

##### Changes in Internal Control over Financial Reporting

Our management, with the participation of our Principal Executive and Financial Officer, evaluated whether any change in our internal control over financial reporting occurred during the three months ended September 30, 2011. Based on that evaluation, it was concluded that there has been no change in our internal control over financial reporting during the three months ended September 30, 2011 that materially affected, or is reasonably likely to materially affect, our internal control over financial reporting.

## PART II

### Item 6. Exhibits.

<u>Number</u>	<u>Description</u>
3.1	Amended and Restated Certificate of Incorporation of the registrant. (1)
3.2	Bylaws of the registrant. (1)
31.1	Certification of Principal Executive Officer Pursuant to §302 of the Sarbanes-Oxley Act of 2002.*
31.2	Certification of Principal Financial Officer Pursuant to §302 of the Sarbanes-Oxley Act of 2002.*
32.1	Certification of Principal Executive and Financial Officer Pursuant to 18 U.S.C. §1350 and §906 of the Sarbanes-Oxley Act of 2002.*

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\* Filed with this report.

(1) Incorporated by reference to the registrant's Registration Statement on Form 10-SB (SEC File. No. 000-29649) filed February 22, 2000.



## CERTIFICATIONS

I, Daniel O'Brien, certify that:

1. I have reviewed this quarterly report on Form 10-Q of Flexible Solutions International, Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15 and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
  - a) designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
  - b) designed such internal control over financial reporting, or cause such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
  - c) evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
  - d) disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of the internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
  - a) all significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
  - b) any fraud, whether or not material, that involves management or other employees who have significant role in the registrant's internal control over financial reporting.

November 14, 2011

/s/ Daniel B. O'Brien  
Daniel O'Brien  
Principal Executive Officer

## CERTIFICATIONS

I, Daniel O'Brien, certify that:

1. I have reviewed this quarterly report on Form 10-Q of Flexible Solutions International, Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15 and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
  - a) designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
  - b) designed such internal control over financial reporting, or cause such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
  - c) evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
  - d) disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of the internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
  - a) all significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
  - b) any fraud, whether or not material, that involves management or other employees who have significant role in the registrant's internal control over financial reporting.

November 14, 2011

/s/ Daniel B. O'Brien  
Daniel O'Brien  
Principal Financial Officer

**CERTIFICATION OF PRINCIPAL EXECUTIVE OFFICER  
PURSUANT TO 18 U.S.C. SECTION 1350,  
AS ADOPTED PURSUANT TO  
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002**

Solely for the purposes of complying with 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, I, the undersigned Principal Executive and Financial Officer of Flexible Solutions International, Inc. (the "Company"), hereby certify that, to the best of my knowledge, the Quarterly Report on Form 10-Q of the Company for the quarter ended September 30, 2011 (the "Report") fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934 and that the information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

November 14, 2011

/s/ Daniel B. O'Brien  
Daniel B. O'Brien  
Principal Executive and Financial Officer