UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 2054 9

FORM 8-K

CURRENT REPORT

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

Date of Report (Date of earliest event reported) February 25, 2010

Charles & Colvard, Ltd.

(Exact name of registrant as specified in its charter)

North Carolina (State or other jurisdiction of incorporation)

000-23329 (Commission File Number)

56-1928817 (I.R.S. Employer Identification No.)

300 Perimeter Park Drive, Suite A
Morrisville, North Carolina
(Address of principal executive offices)

27560 (Zip Code)

(919) 468-0399

(Registrant's telephone number, including area code)

N/A

(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- o Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 2.02 Results of Operations and Financial Condition.

On February 25, 2010, Charles & Colvard, Ltd. (the "Company") issued a press release regarding its financial results for the fiscal quarter and year ended December 31, 2009. A copy of this press release is attached hereto as Exhibit 99.1 and is incorporated herein by reference.

Pursuant to General Instruction B.2 of Current Report on Form 8-K, the information in Item 2.02 of this report, including the press release attached as Exhibit 99.1, is furnished and shall not be deemed to be "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, or otherwise subject to the liabilities of that section. Furthermore, such information shall not be deemed to be incorporated by reference into the filings of the Company under the Securities Act of 1933, as amended.

Item 9.01	Financial Statements and Exhibits.				
(d) Exhibits.					
Exhibit No.	Description of Document				
99.1	Press Release dated February 25, 2010				

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Charles & Colvard, Ltd.

February 25, 2010

By: /s/ Timothy L. Krist

Timothy L. Krist Chief Financial Officer

EXHIBIT INDEX

Exhibit No. Description of Document

99.1 Press Release dated February 25, 2010

NEWS RELEASE

300 Perimeter Park Drive, Suite A Morrisville, North Carolina 27560 919.468.0399 Company Contact: Timothy Krist Chief Financial Officer 919.468.0399, ext. 295 tkrist@charlesandcolvard.com **Investor Relations:**

Fran Barsky 919.244.7357 fbarsky@charlesandcolvard.com

FOR IMMEDIATE RELEASE

CHARLES & COLVARD REPORTS FOURTH QUARTER AND FISCAL YEAR 2009 FINANCIAL RESULTS

- 10% increase in fourth quarter net sales over third quarter 2009
- · \$7.4 million cash and no debt
- · Positive cash flow from operations: \$563,000 in fourth quarter, \$1.9 million in 2009

MORRISVILLE, N.C., February 25, 2010 - Charles & Colvard, Ltd. (NASDAQ: CTHR), the sole manufacturer of moissanite jewels, The Most Brilliant Jewel in the WorldTM, announced today its financial results for the fourth quarter and fiscal year ended December 31, 2009.

Net sales for the quarter were \$2.4 million, down 33% from \$3.5 million in the fourth quarter of 2008. Net sales for fiscal year 2009 were \$8.3 million, down 44% from \$14.7 million in the same period of 2008. Sales continued to be impacted by the economic recession, which has measurably affected the retail and jewelry industries, combined with reduced demand from major retailers who curbed purchases due to current levels of moissanite inventory. However, net sales for the quarter were up 10% over net sales of \$2.1 million in the third quarter of 2009.

The net loss for the quarter was \$440,000, or \$0.02 per diluted share, as compared to a net loss of \$1.3 million, or \$0.07 per diluted share, in the fourth quarter of 2008. The fourth quarter 2009 results included a reserve on a note receivable of \$170,000 and an impairment loss on long-lived assets of \$146,000, both of which are expected to be non-recurring. The fourth quarter 2008 results included a reversal of a bad debt expense of \$1.9 million related to a receivable settlement with a wholesale customer. The net loss for fiscal year 2009 was \$3.4 million, or \$0.18 per diluted share, representing a \$2.8 million, or 45%, improvement over the net loss of \$6.2 million, or \$0.34 per diluted share, in the same period of 2008. Offsetting sales declines during fiscal year 2009 was a 46% reduction in costs and expenses when compared with fiscal year 2008, due to lower sales and cost control measures, including a reduction in headcount and decreased expenses for sales and marketing programs.

Randy N. McCullough, Chief Executive Officer of Charles & Colvard, commented, "With our new management team in place, we experienced a renewed interest in moissanite and confidence in the Company with our existing customer base, who responded with increased orders during the quarter. This, coupled with our cost savings initiatives, resulted in the lowest quarterly net loss this year along with positive cash flow from operations. This momentum, along with a strong cash position, will carry us into 2010 as our management team works closely with select major jewelry manufacturers to establish new exclusive supply relationships. These exclusive sales and distribution rights target appropriate retailers, affording Charles & Colvard new opportunities to establish our jewel in the marketplace as we continue repositioning for the future."

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Financial Position

The Company had \$7.4 million in cash at the end of the quarter and generated \$1.9 million of cash from operations during fiscal year 2009, \$563,000 of which was generated in the fourth quarter. A \$1.5 million decrease in accounts receivable, receipt of a \$2.1 million income tax receivable during the second quarter, and a \$3.0 million decrease in inventory were the primary drivers for positive cash flow in fiscal year 2009, which more than offset the net loss of \$3.4 million and a \$1.4 million decrease in accounts payable.

Total inventory, including long-term and consignment inventory, was \$41.4 million at the end of fiscal year 2009, down from \$43.0 million and \$42.2 million at the end of fiscal year 2008 and the end of third quarter 2009, respectively. No purchases of raw material were made in fiscal year 2009. Trade accounts receivable were \$1.0 million at the end of fiscal year 2009, down from \$3.8 million at the end of fiscal year 2008 and up slightly from \$918,000 at the end of third quarter 2009. Cash collections and a settlement agreement with a former customer positively impacted accounts receivable during fiscal year 2009.

Fourth Quarter and Fiscal Year 2009 Financial Results Webcast

Charles and Colvard will host a webcast to present fourth quarter and fiscal year 2009 results on Thursday, February 25, 2010 at 11:00 a.m. Eastern Time. The webcast can be accessed live and will be available for replay at www.charlesandcolvard.com.

About Charles & Colvard, Ltd.

Charles & Colvard, Ltd. (NASDAQ: CTHR), based in the Research Triangle Park area of North Carolina, is the global sole source of lab-created moissanite, a unique, near-colorless jewel that is distinct from other gemstones and jewels based on its exceptional fire, brilliance, luster, durability, and rarity. Charles & Colvard Created Moissanite is currently used in fine jewelry sold primarily through domestic and international retailers. For more information, please access www.moissanite.com or www.charlesandcolvard.com.

Charles & Colvard and Charles & Colvard Created Moissanite are registered trademarks of Charles & Colvard, Ltd.

This press release contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, or the Securities Act, and Section 21E of the Securities Exchange Act of 1934, as amended, or the Exchange Act. Statements expressing expectations regarding our future and projections relating to products, sales, revenues, and earnings are typical of such statements and are made under the Private Securities Litigation Reform Act of 1995. These forward-looking statements include, but are not limited to, statements about our plans, objectives, representations, and contentions and are not historical facts and typically are identified by use of terms such as "may," "will," "should," "could," "expect," "plan," "anticipate," "believe," "estimate," "predict," "continue," and similar words, although some forward-looking statements are expressed differently.

All forward-looking statements are subject to the risks and uncertainties inherent in predicting the future. You should be aware that although the forward-looking statements included herein represent management's current judgment and expectations, our actual results may differ materially from those projected, stated, or implied in these forward-looking statements as a result of many factors including, but not limited to, the recent downturn in the worldwide economy and its ongoing impact on our business and the business of our customers and suppliers, any continued trends in the general economy that would adversely affect consumer spending, a further decline in our sales, dependence on consumer acceptance of our products, dependence on Cree, Inc. as the current supplier of the raw material, ability to develop a material second source of supply, dependence on a limited number of customers, risks of conducting operations in foreign countries, dependence on third parties for the sales and marketing of our products to end consumers, and the impact of significant changes in our management on our ability to execute our business strategy in the near-term, in addition to the other risks and uncertainties described in more detail in our filings with the Securities and Exchange Commission, or the SEC, including our Annual Report on Form 10-K for the fiscal year ended December 31, 2008 and subsequent reports filed with the SEC. Forward-looking statements speak only as of the date they are made. We undertake no obligation to update or revise such statements to reflect new circumstances or unanticipated events as they occur except as required by the federal securities laws, and you are urged to review and consider disclosures that we make in the reports that we file with the SEC that discuss other factors relevant to our business.

Financial Tables Follow

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Charles & Colvard, Ltd. Consolidated Statements of Operations (unaudited)

	Three Months Ended December 31,		Year Ended December 31,				
		2009		2008		2009	2008
Net sales	\$	2,362,072	\$	3,520,950	\$	8,312,470	\$14,727,054
Costs and							
expenses:							
Cost of goods							
sold		891,943		1,365,291		3,472,842	5,592,879
Sales and							
marketing		445,268		1,644,585		1,949,576	7,466,266
General and							
administrative Research and development		1,291,567		(232,270)		5,702,609	8,454,567
		24,721		77,981		401,496	113,621
Loss on							
impairment							
of long-		145,800				145,800	
lived assets Total	_	143,000	_		_	145,000	
costs and							
expenses		2,799,299		2,855,587	1	1,672,323	21,627,333
Income (loss) from	_	_,, 55,_55	_	_,000,007	_)	21,027,000
operations		(437,227)	1	665,363	((3,359,853	(6,900,279)
Interest income		12,600		20,266	,	38,194	116,484
Income (loss) before	_	,	_	-,	_		
income taxes		(424,627))	685,629	((3,321,659	(6,783,795)
Income tax benefit)))	•)	(-,,,
(expense)		(15,523		(1,937,569		(77,710	632,667
Net loss	\$	(440,150)	\$	(1,251,940)	\$ ((3,399,369)	\$(6,151,128)
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Net loss per common share:							
Basic and							
fully diluted	\$	(0.02)	\$	(0.07)	\$	(0.18)	\$ (0.34)
Weighted average	Ψ	(0.02)	Ψ	(0.07)	Ψ	(0.10)	ψ (0.5.)
number of shares							
used in							
computing net							
loss per common							
share:							
Basic and							
fully diluted	1	8,965,357		18,334,136	1	8,720,850	18,240,853

Charles & Colvard, Ltd. Consolidated Balance Sheets (unaudited)

		Deceml	per 31,		
		2009		2008	
ASSETS					
Current assets:					
Cash and cash equivalents	\$	7,405,685	\$	5,587,144	
Accounts receivable, net		1,043,296		3,754,657	
Interest receivable		65		2,747	
Income tax receivable		-		2,074,420	
Note receivable, net		54,627		142,000	
Inventory, net		3,470,136		8,291,847	
Prepaid expenses and other					
assets		188,812		500,643	
Deferred income taxes				1,231,071	
Total current assets		12,162,621		21,584,529	
Property and equipment, net		218,418		412,234	
Patent and license rights, net		260,548		279,315	
Inventory, non-current, net		37,888,622		34,727,841	
Note receivable, non-current		-		82,627	
Deferred income taxes, non-					
current		-		940,903	
Other assets, non-current	_	1,990	_	-	
TOTAL ASSETS	\$	50,532,199	\$	58,027,449	
LIABILITIES AND STOCKHOLDERS' EQUITY Current liabilities:					
Accounts payable	\$	265,439	\$	1,631,074	
Deferred revenue	Ψ	_00, .00	Ψ	171,181	
Accrued co-op advertising		173,000		401,849	
Accrued expenses and other		-,		,	
liabilities		157,954		623,584	
Total current liabilities		596,393		2,827,688	
Long-term liabilities:					
Accrued income taxes		1,058,659		3,154,110	
Total liabilities		1,655,052		5,981,798	
Commitments and contingencies					
Stockholders' equity:					
Common stock, no par value;					
50,000,000 shares					
authorized; 19,013,749					
and 18,334,136 shares					
issued and outstanding at					
December 31, 2009 and					
2008, respectively		52,906,459		52,910,075	
Additional paid-in capital –					
share-based compensation		6,411,727		6,177,246	
Accumulated deficit		(10,441,039)		(7,041,670)	
Total stockholders' equity		48,877,147		52,045,651	
TOTAL LIABILITIES AND STOCKHOLDERS' EQUITY	\$	50,532,199	\$	58,027,449	

Charles & Colvard, Ltd. Consolidated Statements of Cash Flows (unaudited)

	Year Ended December 31,				
		2009		2008	
CASH FLOWS FROM OPERATING		-			
ACTIVITIES:					
Net loss	\$	(3,399,369)	\$	(6,151,128)	
Adjustments to reconcile net loss to					
net cash provided by (used in)					
operating activities:					
Depreciation and amortization		168,881		216,028	
Share-based compensation		233,909		467,104	
Provision for uncollectible		205.01.4		2.675.000	
accounts		297,014		2,675,000	
Provision for sales returns		(150,000)		130,000	
Consignment inventory reserve Jewelry reserve		(138,000) 116,000		185,000 220,000	
Provision (benefit) for deferred		110,000		220,000	
income taxes		2,171,974		(662,775)	
Loss on impairment of long-lived		2,171,374		(002,773)	
assets		145,800		_	
Loss on disposal of assets		-		385,082	
Changes in assets and liabilities:				ŕ	
Accounts receivable		1,460,107		2,822,062	
Income tax receivable		2,074,420		(1,992,229)	
Inventory		2,957,170		(238,851)	
Other assets, net		312,523		263,694	
Accounts payable		(1,365,635)		(1,717,699)	
Deferred revenue		(171,181)		171,181	
Accrued co-op advertising		(228,849)		(50,943)	
Accrued income taxes		(2,095,451)		2,242,504	
Other accrued liabilities, net		(465,630)		98,267	
Net cash provided by (used in)		1 022 602		(027 702)	
operating activities		1,923,683		(937,703)	
CASH FLOWS FROM INVESTING					
ACTIVITIES:					
Purchases of property and equipment		(75,792)		(28,910)	
Patent and license rights costs		(26,306)		(308,968)	
Proceeds from sale of equipment		_		898	
Net cash used in investing activities		(102,098)		(336,980)	
J					
CASH FLOWS FROM FINANCING					
ACTIVITIES:					
Stock option exercises		45,992		-	
Excess tax benefit (cost) from share-					
based payment arrangements		1,390		(186,582)	
Share repurchases		(50,426)		- (100 500)	
Net cash used in financing activities		(3,044)		(186,582)	
NET INCREASE (DECREASE) IN				`	
NET INCREASE (DECREASE) IN CASH AND CASH)	
EQUIVALENTS		1,818,541		(1,461,265	
CASH AND CASH EQUIVALENTS,		1,010,541		(1,401,203	
BEGINNING OF PERIOD		5,587,144		7,048,409	
CASH AND CASH EQUIVALENTS,					
END OF PERIOD	\$	7,405,685	\$	5,587,144	
				<u> </u>	
Supplemental schedule of non-cash					
operating activities:					
Inventory acquired from	¢	1 274 240	ď		
settlement of accounts receivable	\$	1,274,240	\$	-	
Supplemental schedule of non-cash investing activities:					
Reduction of note receivable	\$	_	\$	140,763	
reduction of note receivable	Ψ	-	Ψ	140,700	