

Item 2.02 Results of Operations and Financial Condition.

On April 8, 2011, BSD Medical Corporation (the “Company”) issued a press release reporting financial results for its second fiscal quarter ended February 28, 2011. A copy of the press release is furnished herewith as Exhibit 99.1 and is incorporated herein by reference.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

Exhibit

No.	Description
99.1	Press Release dated April 8, 2011

SIGNATURES

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.

Date: April 8, 2011

BSD MEDICAL CORPORATION

By: /s/ Dennis P.

Gauger

Name: Dennis P. Gauger

Title: Chief Financial Officer

EXHIBIT INDEX

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No.	
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