
**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**

Washington, DC 20549

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)
June 16, 2011**

Pacific Biosciences of California, Inc.

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction
of incorporation)

001-34899
(Commission
File Number)

16-1590339
(IRS Employer
Identification No.)

**1380 Willow Road
Menlo Park, California 94025**
(Address of principal executive offices, including zip code)

(650) 521-8000
(Registrant's telephone number, including area code)

(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 (see General Instruction A.2):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
 - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
 - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
 - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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ITEM 4.01. CHANGES IN REGISTRANT’S CERTIFYING ACCOUNTANT.

- (a) On June 16, 2011, the Audit Committee of the Board of Directors of Pacific Biosciences of California, Inc. (the “Company”) approved the dismissal of PricewaterhouseCoopers LLP (“PwC”) as the Company’s independent registered public accounting firm. The reports of PwC on the financial statements of the Company for the last two fiscal years contained no adverse opinion or a disclaimer of opinion, and were not qualified or modified as to uncertainty, audit scope or accounting principles. During the Company’s two most recent fiscal years and through June 16, 2011, there were no disagreements with PwC on any matter of accounting principles or practices, financial statement disclosure, or auditing scope or procedure, which disagreements if not resolved to the satisfaction of PwC, would have caused them to make reference thereto in their reports on the financial statements for such years. During the two most recent fiscal years and through June 16, 2011, there were no reportable events as defined in Item 304(a)(1)(v) of Regulation S-K. The Company provided PwC a copy of the above disclosures and requested PwC to furnish a letter addressed to the Securities and Exchange Commission stating whether or not it agrees with the statements made above. A copy of that letter dated June 21, 2011, is filed as Exhibit 16.1 to this Form 8-K.
- (b) On June 16, 2011, Ernst & Young LLP was appointed as the Company’s independent registered public accounting firm.

ITEM 9.01. FINANCIAL STATEMENTS AND EXHIBITS

- (d) Exhibits

<u>Exhibit No.</u>	<u>Description</u>
16.1	Letter from PricewaterhouseCoopers LLP to the Securities and Exchange Commission

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.

Pacific Biosciences of California, Inc.

By: _____ / s / SUSAN K. BARNES
Susan K. Barnes
Executive Vice President and Chief Financial Officer

Date: June 21, 2011

EXHIBIT INDEX

<u>Exhibit No.</u>	<u>Description</u>
16.1	Letter from PricewaterhouseCoopers LLP to the Securities and Exchange Commission

June 21, 2011

Securities and Exchange Commission
100 F Street, N.E.
Washington, DC 20549

Commissioners:

We have read the statements made by Pacific Biosciences of California, Inc. (copy attached), which we understand will be filed with the Securities and Exchange Commission, pursuant to Item 4.01 of Form 8-K, as part of the Form 8-K of Pacific Biosciences of California, Inc. dated June 16, 2011. We agree with the statements concerning our Firm in such Form 8-K.

Very truly yours,

/s/ PricewaterhouseCoopers LLP