

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): April 18, 2018

ISORAY, INC.

(Exact name of registrant as specified in its charter)

Minnesota
(State or other jurisdiction
of incorporation)

001-33407
(Commission
File Number)

41-1458152
(IRS Employer
Identification No.)

350 Hills Street, Suite 106, Richland, Washington 99354
(Address of principal executive offices) (Zip Code)

(509) 375-1202
(Registrant's telephone number)

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:

- ? 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))

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (17 CFR §230.405) or Rule 12b-2 of the Securities Exchange Act of 1934 (17 CFR §240.12b-2).
Emerging growth company ?

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. ?

Item
2.02 *Results of Operations and Financial Condition.*

On April 18, 2018, IsoRay, Inc. (the "Company") issued a press release announcing its preliminary financial results for the third quarter of fiscal 2018 ended March 31, 2018, the text of which is attached hereto as Exhibit 99.1.

Item
9.01 *Financial Statements and Exhibits.*

(d)Exhibits

99.1 [Press release issued by IsoRay, Inc., dated April 18, 2018.](#)

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 20, 2018

IsoRay, Inc., a Minnesota corporation

By: /s/ Thomas C. LaVoy
Thomas C. LaVoy, CEO