

Cryoport, Inc.  
Form NT 10-K  
June 29, 2009

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

OMB APPROVAL  
OMB Number: 3235-0058  
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FORM 12b-25

NOTIFICATION OF LATE FILING

(Check one):  Form 10-K  Form 20-F  Form 11-K  Form 10-Q  Form 10-D  Form N-SAR  
 Form N-CSR

For Period Ended: March 31, 2009

Transition Report on Form 10-K

Transition Report on Form 20-F

Transition Report on Form 11-K

Transition Report on Form 10-Q

Transition Report on Form N-SAR

For the Transition Period Ended: \_\_\_\_\_

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Read Instruction (on back page) Before Preparing Form. Please Print or Type.

Nothing in this form shall be construed to imply that the Commission has verified any information contained herein.

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If the notification relates to a portion of the filing checked above, identify the Item(s) to which the notification relates:

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PART I — REGISTRANT INFORMATION

CRYOPORT, INC.

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Full Name of Registrant

N/A

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Former Name if Applicable

20382 BARENTS SEA CIRCLE

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Address of Principal Executive Office (Street and Number)

LAKE FOREST, CA 92630

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City, State and Zip Code

PART II — RULES 12b-25(b) AND (c)

If the subject report could not be filed without unreasonable effort or expense and the registrant seeks relief pursuant to Rule 12b-25(b), the following should be completed. (Check box if appropriate)

- (a) The reason described in reasonable detail in Part III of this form could not be eliminated without unreasonable effort or expense
  - x (b) The subject annual report, semi-annual report, transition report on Form 10-K, Form 20-F, Form 11-K, Form N-SAR or Form N-CSR, or portion thereof, will be filed on or before the fifteenth calendar day following the prescribed due date; or the subject quarterly report or transition report on Form 10-Q or subject distribution report on Form 10-D, or portion thereof, will be filed on or before the fifth calendar day following the prescribed due date; and
  - (c) The accountant's statement or other exhibit required by Rule 12b-25(c) has been attached if applicable.
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PART III — NARRATIVE

State below in reasonable detail why Forms 10-K, 20-F, 11-K, 10-Q, 10-D, N-SAR, N-CSR, or the transition report or portion thereof, could not be filed within the prescribed time period.

The Registrant is in process of completing the report, however, the Registrant requires additional time to complete the financial statements required by the Registrant's Annual Report on Form 10-K (the "Form 10-K"). As a result, the Registrant will not be able to timely file the Form 10-K without unreasonable effort and expense. The Registrant anticipates it will be able to file the Form 10-K within the extension period permitted by this filing.

(Attach extra Sheets if Needed)

PART IV — OTHER INFORMATION

(1) Name and telephone number of person to contact in regard to this notification

Dee S. Kelly	949	470-2300
(Name)	(Area Code)	(Telephone Number)

(2) Have all other periodic reports required under Section 13 or 15(d) of the Securities Exchange Act of 1934 or Section 30 of the Investment Company Act of 1940 during the preceding 12 months or for such shorter period that the registrant was required to file such report(s) been filed? If answer is no, identify report(s).

Yes  No

(3) Is it anticipated that any significant change in results of operations from the corresponding period for the last fiscal year will be reflected by the earnings statements to be included in the subject report or portion thereof?

Yes  No

If so, attach an explanation of the anticipated change, both narratively and quantitatively, and, if appropriate, state the reasons why a reasonable estimate of the results cannot be made.

During the quarter ended March 31, 2009, CryoPort, Inc.'s (the "Company") October 2007 and May 2008 Convertible Debenture Agreements were amended to reflect changes to the monthly redemptions of principal, the quarterly payments of interest and changes to the October 2007 and May 2008 Warrants related to the original October 2007 and May 2008 Debentures. This Amendment, effective January 27, 2009, to the October 2007 Debentures has been accounted for by the Company as an extinguishment of debt in accordance with EITF Issue No. 96-19 and EITF Issue No. 06-6. The total loss on extinguishment of debt recorded by the Company as a result of changes to the October 2007 and May 2008 Debentures from the January Amendment discussed above totaled \$4,035,360 which the Company has included in the loss on extinguishment of debt in the consolidated statement of operations for the year ended March 31, 2009.

Cryoport, Inc.

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(Name of Registrant as Specified in Charter)

has caused this notification to be signed on its behalf by the undersigned hereunto duly authorized.

Date June 29, 2009

By: /s/ Larry G. Stambaugh

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ATTENTION

Intentional misstatements or omissions of fact constitute Federal Criminal Violations  
(See 18 U.S.C. 1001).

GENERAL INSTRUCTIONS

1. This form is required by Rule 12b-25 (17 CFR 240.12b-25) of the General Rules and Regulations under the Securities Exchange Act of 1934.
2. One signed original and four conformed copies of this form and amendments thereto must be completed and filed with the Securities and Exchange Commission, Washington, D.C. 20549, in accordance with Rule 0-3 of the General Rules and Regulations under the Act. The information contained in or filed with the form will be made a matter of public record in the Commission files.
3. A manually signed copy of the form and amendments thereto shall be filed with each national securities exchange on which any class of securities of the registrant is registered.
4. Amendments to the notifications must also be filed on Form 12b-25 but need not restate information that has been correctly furnished. The form shall be clearly identified as an amended notification.
5. Electronic Filers: This form shall not be used by electronic filers unable to timely file a report solely due to electronic difficulties. Filers unable to submit reports within the time period prescribed due to difficulties in electronic filing should comply with either Rule 201 or Rule 202 of Regulation S-T (§232.201 or §232.202 of this chapter) or apply for an adjustment in filing date pursuant to Rule 13(b) of Regulation S-T (§232.13(b) of this chapter).
6. Interactive data submissions: This form shall not be used by electronic filers with respect to the submission or posting of an Interactive Data File (§232.11 of this chapter). Electronic filers unable to submit or post an Interactive Data File within the time period prescribed should comply with either Rule 201 or 202 of Regulation S-T (§232.201 and §232.202 of this chapter).