

SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D. C. 20549

FORM 10-K/A
Amendment No. 1

[X] ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE
SECURITIES EXCHANGE ACT OF 1934

For the year ended December 31, 2009

Commission File No. 0-19047

FOOD TECHNOLOGY SERVICE, INC.

(Exact name of Registrant as specified in its charter)

FLORIDA 59-2618503
(State of Incorporation or Organization) (Employer Identification Number)

502 Prairie Mine Road, Mulberry, FL 33860
(Address of Principal Executive Offices) (Zip Code)

Registrant's telephone number, including area code: (863)425-0039
Securities registered pursuant to Section 12(b) of the Act: None
Securities registered pursuant to Section 12(g) of the Act: Common Stock, \$.01
par value

Indicate by check mark if the registrant is a well-known seasoned
issuer, as defined in Rule 405 of the Securities Act: Yes [] No [X]

Indicate by check mark if the registrant is not required to file reports
pursuant to Section 13 or Section 15(d) of the Act: Yes [] No [X]

Indicate by check mark whether the Registrant: (1) has filed all reports
required to be filed by Section 13 or 15(d) of the Securities Exchange Act of
1934 during the preceding 12 months (or for such shorter period that the
Registrant was required to file such reports), and (2) has been subject to such
filing requirements for the past 90 days.

Yes	No
X	
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Indicate by check mark if disclosure of delinquent filers pursuant to
Item 405 of Regulation S-K is not contained herein, and no disclosure will be
contained, to the best of Registrant's knowledge, in definitive proxy or
information statements incorporated by reference in Part III of this Form 10-K
or any amendment to this Form 10-K. []

Indicate by check mark whether the registrant is a large accelerated
filer, an accelerated filer, a non-accelerated filer or a smaller reporting
company. See definition of "accelerated filer", "large accelerated filer" and
"smaller reporting company" in Rule 12b-2 of the Exchange Act. (Check one):

Large Accelerated Filer [] Accelerated Filer []

Non-Accelerated Filer [] Smaller Reporting Company [X]

The Registrant's operating revenues for its most recent fiscal year were \$2,515,978.

As of February 26, 2010, 2,756,458 shares of the Registrant's Common Stock were outstanding, and the aggregate market value of the voting stock held by non-affiliates (2,112,049 shares) was approximately \$3,801,688 based on the market price at that date.

DOCUMENTS INCORPORATED BY REFERENCE

Proxy Statement for the Annual Meeting of Shareholders scheduled to be held May 21, 2010.

SIGNATURES

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized as of the 5th of October 2010.

FOOD TECHNOLOGY SERVICE, INC.
By: /S/ Richard G. Hunter, Ph.D.

Richard G. Hunter, Ph.D.
Chief Executive Officer and
Chief Financial Officer

Pursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed below by the following persons on behalf of the Company and in the capacities and on the dates indicated:

Name	Title	Date
/S/ Richard G. Hunter, Ph.D. ----- Richard G. Hunter, Ph.D.	Director Chief Executive Officer and Chief Financial Officer	October 5, 2010
/S/ Samuel Bell ----- Samuel Bell	Director	October 5, 2010
/S/ John Corley ----- John Corley	Director	October 5, 2010
/S/ Gary Lifshin ----- Gary Lifshin	Director	October 5, 2010
/S/ David Nicholds ----- David Nicholds	Director	October 5, 2010

/S/ John T. Sinnott

Director

October 5, 2010

John T. Sinnott, M.D., F.A.C.P

/S/ Ronald Thomas

Director

October 5, 2010

Ronald Thomas, Ph.D.