

WESTPORT INNOVATIONS INC  
Form 6-K  
March 23, 2012

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

**FORM 6-K**

REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16  
UNDER THE SECURITIES EXCHANGE ACT OF 1934

For the month of **March, 2012**

Commission File Number: 001-34152

**WESTPORT INNOVATIONS INC.**

(Translation of registrant's name into English)

**Suite 101, 1750 West 75th Avenue, Vancouver, British Columbia, Canada, V6P 6G2**

(Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover Form 20-F or Form 40-F.

Form 20-F  Form 40-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

**EXHIBIT INDEX**

Exhibit Description

99.1 WESTPORT INNOVATIONS FISCAL 2011 ANNUAL REPORT

**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, thereunto duly authorized.

Westport Innovations Inc.  
(Registrant)

Date: March 22, 2012 By: /s/ Bill Larkin  
Bill Larkin

Chief Financial Officer