



DIVISION OF
CORPORATION FINANCE

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

May 3, 2012

Via E-Mail

David R. Demers
Chief Executive Officer
Westport Innovations, Inc.
1750 West 75th Ave., Suite 101
Vancouver, British Columbia
Canada V6P 6G2

Re: Westport Innovations, Inc.
Form 40-F for the Fiscal Year Ended December 31, 2011
Filed March 1, 2012
File No. 1-34152

Dear Mr. Demers:

We refer you to our comment letter dated March 19, 2012 regarding business contacts with Iran, Syria, Sudan and Cuba. We have completed our review of this subject matter. We remind you that our comments or changes to disclosure in response to our comments do not foreclose the Commission from taking any action with respect to the company or the filing and the company may not assert staff comments as a defense in any proceeding initiated by the Commission or any person under the federal securities laws of the United States. We urge all persons who are responsible for the accuracy and adequacy of the disclosure in the filing to be certain that the filing includes the information the Securities Exchange Act of 1934 and all applicable rules require.

Sincerely,

/s/ Cecilia Blye

Cecilia Blye, Chief
Office of Global Security Risk

cc: Amanda Ravitz
Assistant Director
Division of Corporation Finance