

__Signature of Reporting Person

Date

/s/ Steven Samuels

11/24/2015

__Signature of Reporting Person

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Certain private investment fund clients of Bulldog Investors, LLC are the beneficial owners of these shares. Bulldog Investors, LLC disclaims beneficial interest in such shares except to the extent of any pecuniary interest therein. Andrew Dakos, Steven Samuels and

- (1) Phillip Goldstein are the owners of Bulldog Investors, LLC. Each of Messrs. Dakos, Samuels and Goldstein also is a Principal of the general partner of certain of such private investment fund clients of Bulldog Investors, LLC, and a limited partner in certain of such private fund clients.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.