

RESOLUTIONS ADOPTED BY UNANIMOUS CONSENT
OF THE STOCKHOLDER OF
A. P. GREEN SERVICES INC.

October 1, 1989

The undersigned, being the sole stockholder of A. P. Green Services Inc., a Michigan corporation, hereby adopts the following resolution, by unanimous consent, as the actions of the stockholder of said Company:

WHEREAS, R. W. Jones has, as of October 1, 1989, retired from A. P. Green Industries, Inc., the parent of this corporation;

BE IT RESOLVED, that Michael B. Cooney be, and he hereby is elected as a director of this corporation succeeding R. W. Jones, to serve until the next annual meeting of stockholders or until his successor is elected and qualified.

Executed as of the 1st day of October, 1989.

A. P. Green Industries, Inc.



Harry M. Stover
Chairman of the Board and
Chief Executive Officer

