

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
August 5, 2011**

**ORDER GRANTING CONFIDENTIAL TREATMENT
UNDER THE SECURITIES EXCHANGE ACT OF 1934**

Ecosphere Technologies, Inc.

File No. 0-25663 - CF#27088

Ecosphere Technologies, Inc. submitted an application under Rule 24b-2 requesting an extension of a previous grant of confidential treatment for information it excluded from the Exhibits to a 10-Q filed on August 16, 2010, as amended.

Based on representations by Ecosphere Technologies, Inc. that this information qualifies as confidential commercial or financial information under the Freedom of Information Act, 5 U.S.C. 552(b)(4), the Division of Corporation Finance has determined not to publicly disclose it. Accordingly, excluded information from the following exhibit(s) will not be released to the public for the time period(s) specified:

Exhibit 10.16 through January 30, 2012

For the Commission, by the Division of Corporation Finance, pursuant to delegated authority:

Brigitte Lippmann
Special Counsel