

ANNUAL MEETING OF SHAREHOLDERS OF
BANCORP OF NEW JERSEY, INC.

May 21, 2009

NOTICE OF INTERNET AVAILABILITY OF PROXY MATERIAL:

The Notice of Meeting, Proxy Statement, Proxy Card
are available at www.bonj.net

Please sign, date and mail
your proxy card in the
envelope provided as soon
as possible.

↓ Please detach along perforated line and mail in the envelope provided. ↓

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PLEASE SIGN, DATE AND RETURN PROMPTLY IN THE ENCLOSED ENVELOPE. PLEASE MARK YOUR VOTE IN BLUE OR BLACK INK AS SHOWN HERE

1. Election of six directors of Bancorp of New Jersey, Inc., each to hold office until the 2012 annual meeting of shareholders and until their successors are elected and qualify.

FOR ALL NOMINEES

WITHHOLD AUTHORITY FOR ALL NOMINEES

FOR ALL EXCEPT (See instructions below)

NOMINEES:

- Michael Bello
- Jay Blau
- Albert F. Buzzetti
- Albert L. Buzzetti
- Gerald A. Calabrese, Jr.
- Stephen Crevani

INSTRUCTIONS: To withhold authority to vote for any individual nominee(s), mark "FOR ALL EXCEPT" and fill in the circle next to each nominee you wish to withhold, as shown here: ●

Should a director nominee be unable to serve as a director, an event the Bancorp of New Jersey, Inc. does not currently anticipate, the persons named in this proxy reserve the right, in their discretion to vote for a substitute nominee designated by the board of directors.

This proxy may be revoked at any time before it is voted on by delivering to the secretary of Bancorp of New Jersey, Inc. on or before the taking of the vote at the annual meeting, a written notice of revocation bearing a later date than the proxy or a later dated proxy relating to the same shares of Bancorp of New Jersey, Inc. common stock, or by attending the annual meeting and voting in person. Attendance at the annual meeting will not in itself constitute the revocation of a proxy. If this proxy is properly revoked as described above, then the power of the persons named in this proxy shall be deemed terminated and of no further force and effect.

The undersigned acknowledges receipt from Bancorp of New Jersey, Inc. prior to the execution of this proxy, of the Notice of Annual Meeting scheduled to held on May 21, 2009, the Proxy Statement dated on or about April 21, 2009, and Bancorp of New Jersey, Inc.'s 2008 Annual Report.

In order to assist us in providing proper accommodations for the annual meeting, please advise whether you plan to attend in person. Your response will not affect your proxy, your ability to attend the meeting or your ability to vote your shares in person.

Please mark here if you plan to attend the annual meeting.

To change the address on your account, please check the box at right and indicate your new address in the address space above. Please note that changes to the registered name(s) on the account may not be submitted via this method.

Signature of Stockholder

Date:

Signature of Stockholder

Date:

Note: Please sign exactly as your name or names appear on this Proxy. When shares are held jointly, each holder should sign. When signing as executor, administrator, attorney, trustee or guardian, please give full title as such. If the signer is a corporation, please sign full corporate name by duly authorized officer, giving full title as such. If signer is a partnership, please sign in partnership name by authorized person.

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BANCORP OF NEW JERSEY, INC.

REVOCABLE PROXY FOR

ANNUAL MEETING OF SHAREHOLDERS

MAY 21, 2009

Solicited on behalf of the Board of Directors

The undersigned hereby appoints Albert F. Buzzetti and Michael Lesler, and each of them, with full power of substitution, to vote, as designated below, all the shares of Bancorp of New Jersey, Inc. common stock held of record by the undersigned at the close of business on April 15, 2009, at the annual meeting of shareholders, to be held May 21, 2009, and at any and all adjournments or postponements thereof. The undersigned hereby revokes any and all earlier dated proxies with respect to such annual meeting. This proxy, when properly executed, will be voted in the manner directed herein by the undersigned. If no direction is made, this proxy will be voted FOR each of the board's director nominees. The board of directors recommends a vote FOR each of its director nominees.

(Continued and to be signed on the reverse side)