
**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**
Washington, D.C. 20549

FORM 8-A

**FOR REGISTRATION OF CERTAIN CLASSES OF SECURITIES
PURSUANT TO SECTION 12(b) OR 12(g) OF
THE SECURITIES EXCHANGE ACT OF 1934**

PERMA-FIX ENVIRONMENTAL SERVICES, INC.

(Exact name of registrant as specified in its charter)

8302 Dunwoody Place, Suite 250, Atlanta, Georgia

(Address of principal executive offices) (Zip code)

Delaware

(State or other jurisdiction
of incorporation)

58-1954497

(IRS Employer
Identification No.)

8302 Dunwoody Place, Suite 250

Atlanta, Georgia 30350

(Address of principal executive offices) (Zip code)

Title of each class
to be so registered

Preferred Stock Purchase Rights

Name of each exchange on which
each class is to be registered

The Nasdaq Stock Market, LLC

If this form relates to the registration of a class of securities pursuant to Section 12(b) of the Exchange Act and is effective pursuant to General Instruction A.(c), check the following box. []

If this form relates to the registration of a class of securities pursuant to Section 12(g) of the Exchange Act and is effective pursuant to General Instruction A(d), check the following box. []

Securities Act registration statement file number to which this form relates: Not Applicable.

Securities to be registered pursuant to Section 12(g) of the Act: None.

Item 1. Description of Registrant's Securities to Be Registered.

The Board of Directors (the "Board") of Perma-Fix Environmental Services, Inc., a Delaware corporation (the "Company"), declared a dividend of one right (a "Right") for each of the Company's issued and outstanding shares of common stock, par value \$0.001 per share ("Common Stock"), pursuant to the terms of a newly-adopted Shareholder Rights Agreement, dated May 2, 2018 ("Rights Agreement"), between the Company and Continental Stock Transfer & Trust Company ("Rights Agent"). The dividend will be paid to the stockholders of record at the close of business on May 12, 2018 (the "Record Date"). Each Right entitles the holder, subject to the terms of the Rights Agreement (as defined below), to purchase from the Company one one-thousandth of a share of the Company's Series B Junior Participating Preferred Stock (the "Preferred Stock") at a price of \$20.00 (the "Exercise Price"), subject to certain adjustments. The description and terms of the Rights are set forth in the Rights Agreement, replacing the terminating Rights Plan expiring on May 2, 2018 ("Terminating Rights Plan").

The Rights will not be exercisable until the earlier to occur of (i) the close of business on the 10th business day following a public announcement or filing that a person has, or a group of affiliated or associated persons or persons acting in concert have, become an "Acquiring Person," which is defined as a person or group of affiliated or associated persons or persons acting in concert who, at any time after the date of the Rights Agreement, have acquired, or obtained the right to acquire, beneficial ownership of 15% or more of the Company's outstanding shares of Common Stock, subject to certain exceptions, or (ii) the close of business on the 10th business day (or such other date as may be determined by action of the Board prior to such time as any person or group of affiliated or associated persons or persons acting in concert become an Acquiring Person) after the commencement of, or announcement of an intention to commence, a tender offer or exchange offer the consummation of which would result in any person becoming an Acquiring Person (the earlier of such dates being called the "Distribution Date"). Any existing stockholder or group that beneficially owns 15% or more of the Common Stock will be grandfathered at its current ownership level, but the Rights will become exercisable if at any time after the announcement of the Rights Agreement such stockholder or group increases its ownership of the Common Stock. Certain synthetic interests in securities created by derivative positions, whether or not such interests are considered to be ownership of the underlying Common Stock or are reportable for purposes of Regulation 13D of the Securities Exchange Act of 1934, as amended, are treated as beneficial ownership of the number of shares of Common Stock equivalent to the economic exposure created by the derivative position, to the extent actual shares of the Common Stock are directly or indirectly held by counterparties to the derivatives contracts.

With respect to certificates representing shares of Common Stock outstanding as of the Record Date, until the Distribution Date, the Rights will be evidenced by such certificates for shares of Common Stock registered in the names of the holders thereof, and not by separate Rights Certificates, as described further below. With respect to book entry shares of Common Stock outstanding as of the Record Date, until the Distribution Date, the Rights will be evidenced by the balances indicated in the book entry account system of the transfer agent for the Common Stock. Until the earlier of the Distribution Date and the Expiration Date (as defined below), the transfer of any shares of Common Stock outstanding on the Record Date will also constitute the transfer of the Rights associated with such shares of Common Stock. As soon as practicable after the Distribution Date, separate certificates evidencing the Rights ("Right Certificates") will be mailed to holders of record of the Common Stock as of the close of business on the Distribution Date, and such separate Right Certificates alone will evidence the Rights.

The Rights, which are not exercisable until the Distribution Date, will expire at the earliest to occur of (i) the close of business on May 2, 2019; (ii) the time at which the Rights are redeemed pursuant to the Rights Agreement; (iii) the time at which the Rights are exchanged pursuant to the Rights Agreement; or (iv) the time at which the Rights are terminated upon the closing of any merger or other acquisition transaction involving the Company pursuant to a merger or other acquisition agreement that has been approved by the Board prior to any person becoming an Acquiring Person (the earliest of (i), (ii), (iii) and (iv) is referred to as the "Expiration Date").

Each share of Preferred Stock will be entitled to receive, when, as and if declared by the Board, a preferential per share quarterly dividend payment equal to the greater of (i) \$1.00 per share or (ii) 1,000 times the aggregate per share amount of all cash dividends declared per share of Common Stock, and 1,000 times the aggregate per share amount (payable in kind) of all non-cash dividends or other distributions declared per share of Common Stock. Each share of Preferred Stock will entitle the holder thereof to 1,000 votes on all matters submitted to a vote of the stockholders of the Company. In the event of any merger, consolidation or other transaction in which shares of Common Stock are converted or exchanged, each share of Preferred Stock will be entitled to receive 1,000 times the amount received per share of Common Stock.

The Exercise Price payable, and the number of shares of Preferred Stock or other securities or property issuable, upon exercise of the Rights are subject to adjustment from time to time to prevent dilution (i) in the event of a stock dividend on, or a subdivision, combination or reclassification of the Preferred Stock, (ii) upon the grant to holders of the Preferred Stock of certain rights, options or warrants to subscribe for or purchase Preferred Stock or convertible securities at less than the then-current market price of the Preferred Stock, or (iii) upon the distribution to holders of the Preferred Stock of evidences of indebtedness or assets (excluding regular periodic cash dividends or dividends payable in Preferred Stock) or of subscription rights, options or warrants (other than those referred to above). The number of outstanding Rights and the number of one one-thousandths of a share of Preferred Stock issuable upon exercise of each Right are also subject to adjustment in the event of a stock split, reverse stock split, stock dividends and other similar transactions.

In the event that, after a person or a group of affiliated or associated persons or persons acting in concert have become an Acquiring Person, the Company is acquired in a merger or other business combination transaction, or 50% or more of the Company's assets or earning power are sold, proper provision will be made so that each holder of a Right (other than Rights owned by an Acquiring Person) will thereafter have the right to receive, upon the exercise thereof at the then-current exercise price of the Right, that number of shares of common stock of the acquiring company having a market value at the time of that transaction equal to two times the Exercise Price.

With certain exceptions, no adjustment in the Exercise Price will be required unless such adjustment would require an increase or decrease of at least one percent (1%) in the Exercise Price. No fractional shares of Preferred Stock will be issued (other than fractions which are integral multiples of one one-thousandth of a share of Preferred Stock, which may, at the election of the Company, be evidenced by depositary receipts) and, in lieu thereof, an adjustment in cash will be made based on the market price of the Preferred Stock on the trading day immediately prior to the date of exercise.

At any time after any person or group of affiliated or associated persons or persons acting in concert become an Acquiring Person and prior to the acquisition of beneficial ownership by such Acquiring Person of 50% or more of the outstanding shares of Common Stock, the Board, at its option, and in its sole discretion, may exchange each Right (other than Rights owned by such person or group of affiliated or associated persons or persons acting in concert which will have become void) in whole or in part, at an exchange ratio of one share of Common Stock per outstanding Right (subject to adjustment).

At any time before any person or group of affiliated or associated persons or persons acting in concert become an Acquiring Person, the Board may redeem the Rights in whole, but not in part, at a price of \$0.001 per Right (subject to certain adjustments) (the "Redemption Price"). The redemption of the Rights may be made effective at such time, on such basis and with such conditions as the Board in its sole discretion may establish.

Immediately upon the action of the Board electing to redeem or exchange the Rights, the Company shall make announcement thereof, and upon such election, the right to exercise the Rights will terminate and the only right of the holders of Rights will be to receive the Redemption Price.

Subject to the terms of the Rights Agreement, in the event that any person or group of affiliated or associated persons acting in concert become an Acquiring Person by acquiring 15% or more of the Company's Common Stock, except as otherwise provided in the Rights Agreement, each holder of a Right (other than the Acquiring Person) thereafter has the right to receive, upon exercise thereof and in accordance with the Rights Agreement, in lieu of a number of one one-thousandth of a share of Preferred Stock, a number of shares of Common Stock of the Company equal to the result obtained by (A) multiplying the then current exercise price by the then number of one one-thousandth of a share of Preferred Stock for which a Right was or would have been exercisable and (B) dividing that product by 50% of the current market price of the Company's Common Stock.

In addition, if a Qualifying Offer (as described below) is made, a sufficient number of shares of Common Stock have been tendered into the Qualifying Offer and not withdrawn to meet the Minimum Tender Condition (as defined below) and the Board has not redeemed the outstanding Rights or exempted such offer from the terms of the Rights Agreement or has not called a special meeting of stockholders for the purpose of voting on whether or not to exempt such Qualifying Offer from the terms of the Rights Agreement, in each case after 90 calendar days from the commencement of the Qualifying Offer (the "Board Evaluation Period"), the record holders of at least 15% of the outstanding shares of Common Stock may request, no later than 90 calendar days following the Board Evaluation Period, the Board to submit to a vote of stockholders at a special meeting of the stockholders of the Company (a "Special Meeting") a resolution exempting such Qualifying Offer from the provisions of the Rights Agreement (the "Qualifying Offer Resolution"). If a Special Meeting is not held prior to 90 calendar days after such request or, if at the Special Meeting the holders of a majority of the shares of Common Stock outstanding (other than shares held by the offeror and its affiliated and associated persons) vote in favor of the Qualifying Offer Resolution, then the Board will exempt the Qualifying Offer from the provisions of the Rights Agreement or take such other action as may be necessary to prevent the Rights from interfering with the consummation of the Qualifying Offer.

A "Qualifying Offer" is an offer that is determined by the Board to have (among others) the following characteristics:

(i) an offer that has commenced within the meaning of Rule 14d-2(a) under the Securities Exchange Act of 1934 (the "Exchange Act");

(ii) a fully-financed, all-cash tender offer, or an exchange offer offering shares of common stock of the offeror, or a combination thereof, in each such case for all of the outstanding shares of Common Stock at the same per-share consideration;

(iii) an offer that is conditioned on a minimum of at least a majority of (a) the shares of the Common Stock outstanding on a fully-diluted basis; and (b) the outstanding shares of the Common Stock not held by the offeror (or such offeror's affiliates or associated persons) being tendered and not withdrawn as of the offer's expiration date, which condition shall not be waivable (the "Minimum Tender Condition");

(iv) an offer that is subject only to the Minimum Tender Condition and other customary terms and conditions, which conditions shall not include any financing, funding or similar conditions or any requirements with respect to the offeror or its agents being permitted any due diligence on the Company; and

(v) an offer pursuant to which the Company and its stockholders have received an irrevocable written commitment of the offeror that no amendments will be made to the offer to reduce the consideration being offered or to otherwise change the terms of the offer in a way that is adverse to a tendering stockholder.

Until a Right is exercised or exchanged, the holder thereof, as such, will have no rights as a stockholder of the Company, including, without limitation, the right to vote or to receive dividends.

The Board may amend or supplement the Rights Agreement without the approval of any holders of Rights, including, without limitation, in order to (a) cure any ambiguity, (b) correct inconsistent provisions, (c) alter time period provisions or (d) make additional changes to the Rights Agreement that the Board deems necessary or desirable. However, from and after any person or group of affiliated or associated persons or persons acting in concert become an Acquiring Person, the Rights Agreement may not be supplemented or amended in any manner that would adversely affect the interests of the holders of Rights.

The Rights Agreement is attached hereto as Exhibit 4.1 and is incorporated herein by reference. The description of the Rights Agreement herein does not purport to be complete and is qualified in its entirety by reference to Exhibit 4.1.

Item 2. Exhibits.

- 3.1 [Certificate of Designations of Series B Junior Participating Preferred Stock of Perma-Fix Environmental Services, Inc. \(incorporated by reference to Exhibit 3.1\(i\) of Perma-Fix Environmental Services, Inc.'s Current Report on Form 8-K dated May 2, 2018\)](#)
- 4.1 [Shareholder Rights Agreement, dated as of May 2, 2018, between Perma-Fix Environmental Services, Inc., as the Company, and Continental Stock Transfer & Trust Company, as Rights Agent \(incorporated by reference to Exhibit 4.1 of Perma-Fix Environmental Services, Inc.'s Current Report on Form 8-K dated May 2, 2018\)](#)

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Dated: May 3, 2018

PERMA-FIX ENVIRONMENTAL SERVICES, INC.

By: */s/ Ben Naccarato*

Ben Naccarato
Vice President and
Chief Financial Officer

EXHIBIT INDEX

Exhibit Number	Description
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