

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

FORM 12b-25

NOTIFICATION OF LATE FILING

COMMISSION FILE NUMBER 1-11596
CUSIP NUMBER 714157-20-3

(Check One): Form 10-K Form 20-F Form 10-Q Form N-SAR Form N-CSR

For Period Ended: June 30, 2016

Transition Report on Form 10-K

Transition Report on Form 20-F

Transition Report on Form 11-K

Transition Report on Form 10-Q

Transition Report on Form N-SAR

For the Transition Period Ended:

Read Instruction (on back page) Before Preparing Form. Please Print or Type.

**Nothing in this form shall be construed to imply that the Commission
has verified any information contained herein.**

If the notification relates to a portion of the filing checked above, identify the Item(s) to which the notification relates:

PART I -- REGISTRANT INFORMATION

Perma-Fix Environmental Services, Inc.

Full Name of Registrant

Former Name if Applicable

8302 Dunwoody Place, Suite 250

Address of Principal Executive Office (Street and Number)

Atlanta, Georgia 30350

City, State and Zip Code

PART II -- Rules 12b-25(b) and (c)

If the subject report could not be filed without unreasonable effort or expense and the registrant seeks relief pursuant to Rule 12b-25(b), the following should be completed. (Check box if appropriate)

- (a) The reasons described in reasonable detail in Part III of this form could not be eliminated without unreasonable effort or expense;
- (b) The subject annual report, semi-annual report, transition report on Form 10-K, 20-F, 11-K or Form N-SAR, or Form N-CSR, or portion thereof, will be filed on or before the fifteenth calendar day following the prescribed due date; or the subject quarterly report or transition report on Form 10-Q or subject distribution report on Form 10-D, or portion thereof, will be filed on or before the fifth calendar day following the prescribed due date; and
- (c) The accountant's statement or other exhibit required by Rule 12b-25(c) has been attached if applicable.

PART III -- NARRATIVE

State below in reasonable detail the reasons why Forms 10-K, 20-F, 11-K, 10-Q, N-SAR, N-CSR, or the transition or portion thereof, could not be filed within the prescribed time period.

The registrant is expected to receive a waiver from its lender as a result of its failure to meet its second quarter fixed charge coverage ratio covenant as required by its Amended and Restated Revolving Credit, Term Loan and Security Agreement. However, due to unexpected delay, such waiver is not expected to be received until after the scheduled deadline filing date of August 15, 2016. The Company's inability to meet its quarterly fixed charge coverage ratio in the second quarter of 2016 was primarily due to delays in receipt of certain waste shipments which have been rescheduled for later this year. The registrant is also expected to receive a revision from its lender in the methodology to be used in calculating its quarterly fixed charge coverage ratio. With this revision, the registrant expects to meet its quarterly fixed charge coverage ratio requirement in each of the remaining quarters of 2016.

PART IV -- OTHER INFORMATION

- (1) Name and telephone number of person to contact in regard to this notification:

<u>Ben Naccarato</u> (Name)	<u>770</u> (Area Code)	<u>587-9898</u> (Telephone Number)
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- (2) Have all other periodic reports under Section 13 or 15(d) of the Securities Exchange Act of 1934 or Section 30 of the Investment Company Act of 1940 during the preceding twelve months or for such shorter period that the registrant was required to file such report(s) been filed? If the answer is no, identify report(s). YES NO
- (3) Is it anticipated that any significant change in results of operations from the corresponding period for the last fiscal year will be reflected by the earnings statements to be included in the subject report or portion thereof? YES NO

If so, attach an explanation of the anticipated change, both narratively and quantitatively, and, if appropriate, state the reasons why a reasonable estimate of the results cannot be made.

The registrant's financial results for the second quarter of 2016 were significantly impacted by the delays of certain large waste treatment shipments in the Treatment Segment which have been pushed out to later this year. In addition, the registrant recorded certain non-cash impairment losses and charges in connection with its East Tennessee Material and Energy Corporation ("M&EC") subsidiary as discussed below.

During the second quarter of 2016, the registrant's M&EC subsidiary was notified by the lessor that the lease agreement under which M&EC currently operates its Oak Ridge, Tennessee facility would not be renewed at the end of the current lease term ending January 21, 2018. In light of this event and our strategic review of operations within our Treatment Segment, the registrant is proceeding with a plan to shut down its M&EC facility located in Oak Ridge, Tennessee at the end of the lease term. The registrant will continue operations at the M&EC facility during the remaining term of the lease and will begin the process of transitioning waste shipments and operational capabilities to our other Treatment Segment facilities, subject to customer requirements and regulatory approvals. Simultaneously, the registrant will begin required clean-up/maintenance procedures at M&EC's Oak Ridge, Tennessee facility in accordance with M&EC's Resource Conservation and Recovery Act ("RCRA") permit requirements.

The registrant estimates that it will have revenues from continuing operations of approximately \$14.8 million for the three months ended June 30, 2016, a decrease of approximately \$1.6 million from revenues from continuing operations of approximately \$16.4 million for the corresponding period of 2015. Also, the registrant estimates it will have net loss from continuing operations of approximately \$8.1 million for the second quarter of 2016 as compared to net income from continuing operations of \$407,000 for the corresponding period of 2015. The registrant's net loss from continuing operations for the second quarter of 2016 includes non-cash impairment losses recorded for tangible (property and equipment) and intangible (permit) assets of approximately \$1.8 million and \$8.3 million, respectively, resulting from the pending shut down of the registrant's M&EC facility in Oak Ridge, Tennessee. The net loss for the second quarter also includes a write-off of approximately \$587,000 in prepaid fees in connection with certain permits at the M&EC facility. The registrant recorded a tax benefit of approximately \$3.2 million as a result of the impairment loss incurred on intangible assets for its M&EC facility.

The registrant estimates net loss attributable to common stockholders (both basic and diluted) to be approximately \$8.2 million or (\$0.71) per share for the second quarter of 2016 compared to net loss attributable to common stockholders of \$154,000 or (\$0.01) per share for the corresponding period of 2015.

PERMA-FIX ENVIRONMENTAL SERVICES, INC.

(Name of Registrant as Specified in Charter)

has caused this notification to be signed on its behalf by the undersigned thereunto duly authorized.

Date: August 15, 2016

By: /s/ Ben Naccarato

Ben Naccarato
Chief Financial Officer

INSTRUCTION: The form may be signed by an executive officer of the registrant or by any other duly authorized representative. The name and title of the person signing the form shall be typed or printed beneath the signature. If the statement is signed on behalf of the registrant by an authorized representative (other than an executive officer), evidence of the representative's authority to sign on behalf of the registrant shall be filed with the form.

ATTENTION

**Intentional misstatements or omissions of fact constitute
Federal Criminal Violations (See 18 U.S. C. 1001).**

GENERAL INSTRUCTIONS

1. This form is required by Rule 12b-25 (17 CFR 240, 12b-25) of the General Rules and Regulations under the Securities Exchange Act of 1934.

2. One signed original and four conformed copies of this form and amendments thereto must be completed and filed with the Securities and Exchange Commission, Washington, D.C. 20549, in accordance with Rule 0-3 of the General Rules and Regulations under the Act. The information contained in or filed with the Form will be made a matter of public record in the Commission files.
3. A manually signed copy of the form and amendments thereto shall be filed with each national securities exchange on which any class of securities of the registrant is registered.
4. Amendments to the notifications must also be filed on Form 12b-25 but need not restate information that has been correctly furnished. The form shall be clearly identified as an amended notification.
5. *Electronic Filers:* This form shall not be used by electronic filers unable to timely file a report solely due to electronic difficulties. Filers unable to submit a report within the time period prescribed due to difficulties in electronic filing should comply with either Rule 201 or 202 of Regulation S-T (§232.201 or §232.202 of this chapter) or apply for an adjustment in filing date pursuant to Rule 13(b) of Regulation S-T (§232.13(b) of this chapter).