

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

SCHEDULE 13D/A

Under the Securities Exchange Act of 1934  
(Amendment No. 4)\*

PERMA-FIX ENVIRONMENTAL SERVICES, INC.  
(Name of Issuer)

Common Stock \$0.001 par value  
(Title of Class of Securities)

74157104  
(CUSIP Number)

R.S. Thorn, American Ecology Corporation, 805 W. Idaho Street, Suite 200  
Boise, ID 83702 (208) 331-8400  
(Name, Address and Telephone Number of Person Authorized to Receive Notices and  
Communications)

June 25, 1997  
(Date of Event which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report  
the acquisition which is the subject of this Schedule 13D, and is filing this  
schedule because of rule 13d-1(b)(3) of (4), check the following box / /.

NOTE: Six copies of this statement, including all exhibits, should be filed  
with the Commission. See Rule 13d-1(a) for other parties to whom copies are to  
be sent.

\*The remainder of this cover page shall be filled out for a reporting person's  
filing on this form with respect to the subject class of securities, and for  
any subsequent amendment containing information which would alter disclosures  
provided in a prior cover page.

The information required on the remainder of this cover page shall not be  
deemed to be "filed" for the purpose of Section 18 of the Securities Exchange  
Act of 1934 ("Act") or otherwise subject to the liabilities of that section of  
the Act but shall be subject to all other provisions of the Act (however, see  
the Notes).

CUSIP No. 74157104  
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1. NAME OF REPORTING PERSON  
S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

American Ecology Corporation, #95-3889638  
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2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\* (a) / /  
(b) / /  
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3. SEC USE ONLY  
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4. SOURCE OF FUNDS\*  
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5. CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED

## 6. CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

## 7. SOLE VOTING POWER

0

NUMBER OF  
SHARES  
BENEFICIALLY  
OWNED BY  
EACH  
REPORTING  
PERSON  
WITH

## 8. SHARED VOTING POWER

0

## 9. SOLE DISPOSITIVE POWER

0

## 10. SHARED DISPOSITIVE POWER

0

## 11. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

0

12. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES  
CERTAIN SHARES\*

/ /

## 13. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

0

## 14. TYPE OF REPORTING PERSON\*

CO

## ITEM 1.

American Ecology Corporation, a Delaware Corporation ("AEC") has decreased its percentage ownership of Perma-Fix Environmental Services Inc., a Delaware Corporation ("PESI") by selling the remaining 502,500 shares of PESI common stock, par value \$.001 per share between June 9, 1997 and June 25, 1997 at prices between 1-15/16 and 2-1/16.

## ITEM 2.

The name, business addresses, and present principal occupations or employments (and the name, principal business and address of any corporation or other organization in which such employment is conducted) of AEC's directors and executive officers are set forth below. If no address is given, the directors or officers address is American Ecology Corporation, 805 W. Idaho Street, Suite 200, Boise, Idaho 83702. All directors and officers are citizens of the United States of America.

Directors (including executive officers who are directors)

Jack K. Lemley

Chairman & Chief Executive Officer  
American Ecology Corporation

Paul F. Schutt  
Chief Executive Officer  
Nuclear Fuel Services, Inc.

Rotchford Barker  
Independent Businessman

Keith Bronstein  
President  
Tradelink LLC

Patricia M. Eckert  
Owner  
Patricia M. Eckert & Associates

Jerry J. Scoville  
President  
J.J. Scoville & Associates, Inc.

Edward F. Heil  
Chairman of the Board  
American Environmental Construction Co.

Paul Bergson  
Principal  
Bergson & Co.

Executive Officers (who are not directors)  
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R.S. Thorn  
Chief Accounting Officer

Richard F. Paton  
Vice-President

Joseph J. Nagel  
Vice-President

Ian P.F. Dorling  
Treasurer

ITEM 5.

AEC has made several sales of Perma-Fix Environmental Services, Inc. ("PESI") common stock between June 9, 1997 and June 25, 1997. At June 9, 1997 AEC owned 502,500 shares of common stock of PESI (4.98%). Upon completion of the June 25, 1997 sale, AEC owned 0 shares of PESI common stock (0.00%).

AEC sales of PESI common stock in the open market on the NASDAQ exchange were:

<TABLE>  
<CAPTION>

DATE ----	SHARES -----	PRICE -----	PROCEEDS -----
<S>	<C>	<C>	<C>
6/2/97	46,500	1-15/16	\$ 90,090.73
6/2/97	25,000	2-1/32	50,779.44
6/3/97	43,500	1-15/16	84,278.42
6/3/97	5,000	2	9,999.66
6/4/97	25,000	2	49,998.33
6/5/97	61,000	2	121,995.91
6/6/97	11,000	2	21,999.25

6/9/97	42,500	2-1/16	87,653.32
6/9/97	33,000	2	65,997.78
6/12/97	2,500	2-1/16	5,156.07
6/23/97	100,000	2	199,993.32
6/23/97	60,000	2-1/16	123,745.87
6/23/97	40,000	2-1/8	84,997.16
6/24/97	50,000	2-1/8	106,246.45
6/25/97	100,000	2-3/16	218,742.69
6/25/97	125,000	2-1/4	281,240.62
6/25/97	25,000	2-9/32	57,029.34
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TOTALS	795,000		\$1,659,944.36

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Signature

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

DATED: June 30, 1997

AMERICAN ECOLOGY CORPORATION

By: \s\ Jack K. Lemley

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 Jack K. Lemley  
 Chairman & Chief Executive Officer

By: \s\ R.S. Thorn

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 R.S. Thorn  
 Chief Accounting Officer