

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

SCHEDULE 13D/A

Under the Securities Exchange Act of 1934  
(Amendment No. 3 ) \*

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 2, 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

PURSUANT TO ITEMS 2(d) or 2(e)

[ ]

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6. CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

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7. SOLE VOTING POWER

NUMBER OF  
SHARES

502,500

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BENEFICIALLY

OWNED BY  
EACH

8. SHARED VOTING POWER

REPORTING  
PERSON

0

-----

WITH

9. SOLE DISPOSITIVE POWER

502,500

-----

10. SHARED DISPOSITIVE POWER

0

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11. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

502,500

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

[ ]

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

## 14. TYPE OF REPORTING PERSON\*

CO

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## 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 292,500 shares of PESI common stock, par value \$.001 per share between June 2, 1997 and June 9, 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

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ITEM 5.

AEC has made several sales of Perma-Fix Environmental Services, Inc. ("PESI") common stock between June 2, 1997 and June 9, 1997. At June 1, 1997 AEC owned 795,000 shares of common stock of PESI (7.87%). Upon completion of the June 9, 1997 sale, AEC owned 502,500 shares of PESI common stock (4.98%). AEC intends to continue selling its investment in the PESI common stock, including the sales of some or all of such shares, on the open market or otherwise, as AEC deems appropriate in the light of market circumstances existing from time to time.

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

<TABLE>

<CAPTION>

DATE	SHARES	PRICE	PROCEEDS
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<C>	<C>	<C>	<C>
6/2/97	46,500	1-15/16	\$ 90,090.73
6/2/97	25,000	2-1/32	50,779.55
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
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TOTALS	292,500		\$ 582,792.95

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Signature

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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 11, 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