

BARKER ROTCHFORD L
 Form 4
 June 21, 2005

FORM 4

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

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
 BARKER ROTCHFORD L

2. Issuer Name and Ticker or Trading Symbol
 AMERICAN ECOLOGY CORP
 [ECOL]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
 300 E. MALLARD, SUITE 300

3. Date of Earliest Transaction (Month/Day/Year)
 06/21/2005

Director 10% Owner
 Officer (give title below) Other (specify below)

(Street)
 BOISE, ID 83706

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common Stock					33,000	I	By Child
Common Stock	06/21/2005	06/21/2005	M		7,500	A	\$ 2.25 2,989,601
Common Stock	06/21/2005	06/21/2005	M		10,000	A	\$ 1.469 2,989,601
Common Stock	06/21/2005	06/21/2005	M		10,000	A	\$ 2.125 2,989,601
Common Stock	06/21/2005	06/21/2005	M		10,000	A	\$ 3.75 2,989,601

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Common Stock	06/21/2005	06/21/2005	M	10,000	A	\$ 2.42	2,989,601	D
Common Stock	06/21/2005	06/21/2005	M	10,000	A	\$ 2.6	2,989,601	D
Common Stock	06/21/2005	06/21/2005	M	10,000	A	\$ 9.2	2,989,601	D

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
					V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Common Stock Option	\$ 2.25	06/21/2005	06/21/2005	M		7,500	04/10/1996	04/10/2006	Common Stock	7,500
Common Stock Option	\$ 1.469	06/21/2005	06/21/2005	M		10,000	05/14/1998	05/14/2008	Common Stock	10,000
Common Stock Option	\$ 2.125	06/21/2005	06/21/2005	M		10,000	05/13/1999	05/13/2009	Common Stock	10,000
Common Stock Option	\$ 3.75	06/21/2005	06/21/2005	M		10,000	05/18/2000	05/18/2010	Common Stock	10,000
Common Stock Option	\$ 2.42	06/21/2005	06/21/2005	M		10,000	05/24/2001	05/24/2011	Common Stock	10,000
Common Stock Option	\$ 2.6	06/21/2005	06/21/2005	M		10,000	05/29/2003	05/29/2013	Common Stock	10,000
	\$ 9.2	06/21/2005	06/21/2005	M		10,000	05/20/2004	05/20/2014		10,000

Common
 Stock
 Option

Common
 Stock

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
BARKER ROTCHFORD L 300 E. MALLARD, SUITE 300 BOISE, ID 83706	X	X		

Signatures

Rotchford L.
 Barker 06/21/2005

__Signature of Reporting Person Date

Explanation of Responses:

* If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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