Advanced Emissions Solutions, Inc.

Form 4

February 18, 2014

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

3235-0287 Number: January 31,

Expires: 2005 Estimated average

0.5

OMB APPROVAL

burden hours per response...

if no longer subject to Section 16. Form 4 or Form 5

obligations

may continue.

See Instruction

Check this box

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

1(b).

(Print or Type Responses)

2. Issuer Name and Ticker or Trading Sjostrom Sharon Issuer Symbol Advanced Emissions Solutions, Inc. (Check all applicable) [ADES]

(Last) (First) (Middle) 3. Date of Earliest Transaction Director 10% Owner X_ Officer (give title Other (specify (Month/Day/Year) below) below) 9135 S. RIDGELINE BLVD.. 02/11/2014 CTO

SUITE 200, C/O ADA-ES, INC.

1. Name and Address of Reporting Person *

(Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check

> Filed(Month/Day/Year) Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

5. Relationship of Reporting Person(s) to

HIGHLANDS RANCH, CO 80129

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of 2. Transaction Date 2A. Deemed 3. 4. Securities Acquired 5. Amount of 6. Ownership 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction(A) or Disposed of (D) Securities Form: Direct Indirect (Instr. 3) Code (Instr. 3, 4 and 5) Beneficially (D) or Beneficial Ownership (Month/Day/Year) (Instr. 8) Owned Indirect (I) (Instr. 4) Following (Instr. 4) Reported (A) Transaction(s) (Instr. 3 and 4) Code V Amount (D) Price \$ Common 02/11/2014 69 (1) A 52.18 $20,574 \frac{(3)}{}$ D A Stock (2)

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)

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1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transacti Code (Instr. 8)			ate	7. Title Amoun Under	int of lying ities	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene
	Derivative Security				Securities Acquired			(Instr.	3 and 4)		Owne Follo
					(A) or Disposed						Repo Trans
					of (D) (Instr. 3, 4, and 5)						(Instr
					4, and 3)				Amount		
						Date Exercisable	Expiration Date	Title	or Number of		
				Code V	(A) (D)				Shares		

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Reporting Owners

Reporting Owner Name / Address	Keiationsinps						
	Director	10% Owner	Officer	Other			
Sjostrom Sharon							

Sjostrom Sharon 9135 S. RIDGELINE BLVD., SUITE 200 C/O ADA-ES, INC. HIGHLANDS RANCH, CO 80129

CTO

Signatures

Sharon S.

Sjostrom 02/18/2014

**Signature of Date

Reporting Person

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).
- (1) Shares issued directly to the reporting person's qualified pension plan
- (2) Price equals the fair market value of the shares on the date of authorization.
- Of the amount shown, 8,266 shares are held in the qualified pension plan account of the reporting person and 3,029 shares were issued pursuant to a program under the Company's Equity Incentive Plan, are not fully vested and are subject to certain repurchase rights.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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