Advanced Emissions Solutions, Inc. Form 5 January 27, 2014

January 27, 2	014											
FORM 5								OMB APPROVAL				
	RITIES AND EXCHANGE COMMISSION					OMB Number:	3235-	0362				
Check this no longer s	shington, D.C. 20549					Expires:	Januar	ry 31, 2005				
to Section Form 4 or 1 5 obligation may contin See Instruc	ENT OF CHANGES IN BENEFICIAL RSHIP OF SECURITIES					Estimated a burden hou response	average rs per	1.0				
1(b).	Filed purs <sup>Idings</sup> Section 17(a	) of the F	Public Ut		g Compa	ny A	ct of		n			
MATTISON GRAHAM O Symbol				Name <b>and</b> Ticker or Trading ced Emissions Solutions, Inc.				5. Relationship of Reporting Person(s) to Issuer				
			[ADES]			,		(Check all applicable)				
(Last)	(First) (M	(First) (Middle) 3. Statement for Issuer's Fisc (Month/Day/Year) 12/31/2013				r End		Director 10% Owner 10% Owner below) UP L below)				
	S, INC., 9135 S E BLVD., SUITE							VP In	vestor Relation	IS		
				endment, Date Original nth/Day/Year)				6. Individual or Joint/Group Reporting (check applicable line)				
HIGHLAND RANCH, (	1					2_Form Filed by One Reporting Person Form Filed by More than One Reporting rson						
(City) (State) (Zip) <b>Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned</b>												
1.Title of Security (Instr. 3)		ction Date 2A. Deemed ay/Year) 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) (A)			5. Amount of Securities Beneficially Owned at end of Issuer's Fiscal Year	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)			
					Amount	or (D)	Price	(Instr. 3 and 4)				
Common Stock	Â	Â		Â	Â	Â	Â	4,318 <u>(1)</u>	D	Â		
	ort on a separate line f icially owned directly			contained in	n this form	n are	e not re	llection of info equired to resp lid OMB contro	ond unless		C 2270 (9-02)	
	Table	II - Deriv	ative Secu	rities Acquire	ed, Dispose	ed of.	or Ben	eficially Owned				

 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 Exerce Expiration D (Month/Day/	ate	7. Title and A Underlying S (Instr. 3 and 4	ecurities	8. D Se (I
					(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Performance Share Units	Â	Â	Â	Â	Â	( <u>3)</u>	(3)	Common Stock	3,116	

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## **Reporting Owners**

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
MATTISON GRAHAM O C/O ADA-ES, INC. 9135 S. RIDGELINE BLVD., SUITE 200 HIGHLANDS RANCH, CO 80129	Â	Â	VP Investor Relations	Â		

## Signatures

Graham O.	01/27/2014			
Mattison	01/2//2014			
<u>**</u> 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).
- (1) Of the amount shown, 1,558 shares were issued pursuant to the programs under the 2007 Plan, are not fully vested and are subject to certain repurchase rights.
- (2) Each Performance Share Unit represents a contingent right to receive one share of the Company's common stock

Vesting of the Performance Share Units, if at all, will occur on January 2, 2016, subject to continuous service and the achievement of (3) certain pre-established goals to be measured as of December 31, 2015, unless such units vest sooner at the target amount pursuant to Section 11 of the 2007 Plan.

Note: File three copies of this Form, one of which must be manually signed. If space provided 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.