Myones Seth Form 4 October 16, 2012

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Myones Seth Issuer Symbol **COVANTA HOLDING CORP** (Check all applicable) [CVA] (Last) (First) (Middle) 3. Date of Earliest Transaction Director 10% Owner Other (specify X_ Officer (give title (Month/Day/Year) below) 445 SOUTH STREET 10/15/2012 **EVP & Chief Operating Officer** (Street)

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

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

MORRISTOWN, NJ 07960

(City)	(State)	(Zip) Tabl	e I - Non-D	Derivative S	Securi	ties Acqu	ired, Disposed of	, or Beneficiall	y 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. Securit on(A) or Dis (Instr. 3, 4)	sposed	of (D)	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 Beneficial Ownership (Instr. 4)
Common Stock, \$.10 par value	10/15/2012		M	17,181	A	\$ 5.93	96,842	D	
Common Stock, \$.10 par value	10/15/2012		S(1)	17,181	D	\$ 17.75	79,661	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. Transactic Code (Instr. 8)	5. Number of or 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)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Option to purchase common stock (right to buy)	\$ 5.93	10/15/2012		M	17,181	(2)	10/05/2014	Common Stock, \$.10 par value	17,181

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Myones Seth 445 SOUTH STREET MORRISTOWN, NJ 07960

EVP & Chief Operating Officer

Signatures

/s/ Seth Myones 10/16/2012

**Signature of 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) The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by Reporting Person on September 14, 2012.
- (2) The options vested one-third on March 21, 2005, one-third on February 28, 2007 and one-third on February 28, 2008.

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.

Reporting Owners 2