

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person* Yorktown Energy Partners XI, L.P. (Last) (First) (Middle) 410 PARK AVENUE, 20TH FLOOR (Street) NEW YORK, NY 10022 (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 10/26/2021	3. Issuer Name and Ticker or Trading Symbol Aris Water Solutions, Inc. [ARIS]	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner <input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)	5. If Amendment, Date Original Filed(Month/Day/Year)
		6. Individual or Joint/Group Filing(Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person	

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Class B Common Stock (1)	0 (2) (3)	D	

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

SEC 1473 (7-02)

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Solaris Midstream Holdings, LLC Units	(4)	(4)	Class A Common Stock	0 (2) (3)	\$ 0	D	

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Yorktown Energy Partners XI, L.P. 410 PARK AVENUE 20TH FLOOR NEW YORK, NY 10022		X		

Signatures

Yorktown Energy Partners XI, L.P., By: Yorktown XI Company LP, its general partner, By: Yorktown XI Associates LLC, its general partner, /s/ W. Howard Keenan, Jr., Manager **Signature of Reporting Person	11/04/2021 Date
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Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 5(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) Each share of Class B common stock has no economic rights but entitles its holder to one vote on all matters to be voted on by stockholders generally.

- Immediately prior to closing of the Issuer's initial public offering, the Fourth Amended and Restated Limited Liability Company Agreement of Solaris Midstream Holdings, LLC ("Solaris LLC"), of which the Issuer is the managing member, became effective (the "Solaris LLC Agreement"). Pursuant to the Solaris LLC Agreement, (i) all of the membership interests in Solaris LLC held by its existing owners will be converted into a single class of units in Solaris LLC ("Solaris LLC Units") and (ii) Solaris LLC will distribute to its members, including Yorktown Energy Partners XI, L.P. ("Yorktown XI"), one share of Class B common stock for each Solaris LLC Unit held by such members, in each case based on the average of the volume weighted average price of shares of the Issuer's Class A common stock for the 10 trading days commencing with the date of the initial listing of the Issuer's Class A common stock on the New York Stock Exchange.
- (2) The number of Solaris LLC Units and shares of Class B common stock beneficially owned by the Reporting Person will be reported on an amendment to this Form 3 as soon as practicable once the number of Solaris LLC Units and shares of Class B common stock are determined pursuant to the Solaris LLC Agreement.
- Subject to certain limitations and exceptions described in the Solaris LLC Agreement, the Solaris LLC Units (together with a corresponding number of shares of Class B common stock) are redeemable from time to time for shares of Class A common stock of the Issuer (on a one-for-one basis, subject to conversion rate adjustments for stock splits, stock dividends and reclassification and other similar transactions).
- (4)

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.