FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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|--------------------------|-----------|
| Estimated average burden | ı         |
| hours per response:      | 0.5       |

# Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

#### STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

| Name and Address of Reporting Person*  Vann George L. Jr. |                         |       | 2. Issuer Name and Ticker or Trading Symbol  Ecovyst Inc. [ ECVT ]                                                                                                                                               | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)  Director 10% Owner |                            |                       |  |  |  |
|-----------------------------------------------------------|-------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|----------------------------|-----------------------|--|--|--|
| (Last)                                                    | (Last) (First) (Middle) |       | 3. Date of Earliest Transaction (Month/Day/Year) 07/01/2023                                                                                                                                                      | X                                                                                              | Officer (give title below) | Other (specify below) |  |  |  |
| C/O ECOVYST INC.                                          |                         |       |                                                                                                                                                                                                                  |                                                                                                | See Remarks                | s                     |  |  |  |
| 300 LINDENWOOD DRIVE                                      |                         |       | 4. If Amendment, Date of Original Filed (Month/Day/Year)                                                                                                                                                         | 6. Individual or Joint/Group Filing (Check Applicable Line                                     |                            |                       |  |  |  |
|                                                           |                         |       |                                                                                                                                                                                                                  | X Form filed by One Reporting Person                                                           |                            |                       |  |  |  |
| (Street)                                                  |                         |       |                                                                                                                                                                                                                  |                                                                                                | Form filed by More than On | e Reporting Person    |  |  |  |
| MALVERN PA                                                |                         |       | Rule 10b5-1(c) Transaction Indication                                                                                                                                                                            |                                                                                                |                            |                       |  |  |  |
| (City)                                                    | (State)                 | (Zip) | Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10. |                                                                                                |                            |                       |  |  |  |

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

| 1. Title of Security (Instr. 3) | 2. Transaction<br>Date<br>(Month/Day/Year) | Date, Transaction Code (Instr. |   | 4. Securities Ad<br>Disposed Of (D |               |         | Securities<br>Beneficially Owned<br>Following Reported |   | Beneficial<br>Ownership |
|---------------------------------|--------------------------------------------|--------------------------------|---|------------------------------------|---------------|---------|--------------------------------------------------------|---|-------------------------|
|                                 |                                            | Code                           | v | Amount                             | (A) or<br>(D) | Price   | Transaction(s)<br>(Instr. 3 and 4)                     |   | (Instr. 4)              |
| Common Stock                    | 07/01/2023                                 | F                              |   | 3,591                              | D             | \$11.37 | 44,188                                                 | D |                         |

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

| 1. Title of<br>Derivative<br>Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) | Transaction Code (Instr. Securiti Acquire or Dispo |   | Derivative Expiration Date (Month/Day/Year) Acquired (A) or Disposed of (D) (Instr. 3, 4 |     | 7. Title and Amount of<br>Securities Underlying<br>Derivative Security<br>(Instr. 3 and 4) |                    | Derivative<br>Security<br>(Instr. 5) | derivative<br>Securities<br>Beneficially<br>Owned | Ownership<br>Form:<br>Direct (D) | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |  |  |  |
|--------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------|---|------------------------------------------------------------------------------------------|-----|--------------------------------------------------------------------------------------------|--------------------|--------------------------------------|---------------------------------------------------|----------------------------------|--------------------------------------------------------------------|--|--|--|
|                                                  |                                                        |                                                             | Code                                               | v | (A)                                                                                      | (D) | Date<br>Exercisable                                                                        | Expiration<br>Date | Title                                | Amount<br>or<br>Number<br>of Shares               |                                  | Transaction(s)<br>(Instr. 4)                                       |  |  |  |

Explanation of Responses:

Remarks:

President, Ecoservices

/s/ Joseph S. Koscinski, as attorney-in-fact for George L. Vann Jr.

07/05/2023

\*\* Signature of Reporting Person Date

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

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

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 Number.

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

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