APPLIED DNA SCIENCES INC Form SC 13G February 17, 2015

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549
SCHEDULE 13G
Under the Securities Exchange Act of 1934
(Amendment No.)*
Applied DNA Sciences, Inc.
(Name of Issuer)
Common Stock, \$0.001 par value
(Title of Class of Securities)
03815U 201
(CUSIP Number)
December 31, 2014
(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:
o Rule 13d-1(b)
o Rule 13d-1(c)
x Rule 13d-1(d)
* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.
The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Sectio 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, <i>see</i> the <i>Notes</i>).
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NAMES OF REPORTING PERSONS

I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES

1 ONLY)

James A. Hayward

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See

Instructions)

2

(a) o

(b) o

SEC USE ONLY

3

CITIZENSHIP OR PLACE OF

ORGANIZATION

4

United States

NUMBER OF SOLE VOTING POWER

SHARES 5

BENEFICIALLY 3,921,655^[1]

SHARED VOTING POWER

OWNED BY

6

EACH

0

REPORTING SOLE DISPOSITIVE POWER

PERSON 7

WITH: 3,921,655

8 SHARED DISPOSITIVE POWER

0 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

9

3,921,655 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)

10

o PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

11

20.3%^[2]
TYPE OF REPORTING
PERSON (See Instructions)

12

IN

¹ Includes 2,002,401 shares underlying currently exercisable options and warrants.

² This percentage calculation is based on 17,309,702 outstanding shares as of December 11, 2014.

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Item 1.
(a) Name of Issuer: Applied DNA Sciences, Inc.
(b) Address of Issuer's Principal Executive Offices: 50 Health Sciences Drive, Stony Brook, New York 11790
Item 2.
(a) Name of Person Filing: James A. Hayward
(b) Address of Principal Business Office or, if None, Residence: 50 Health Sciences Drive, Stony Brook, New York 11790

(c) **Citizenship:** United States

(e) **CUSIP Number:** 03815U 201

(d) Title of Class of Securities:

Common Stock, \$0.001 par value

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Item 3	If This Statement	Is Filed Pursuant	to Rule 13d-1(b) or Rule 13d-2	(b) or (c), check v	whether the person
	If This Statement filing is a:					

- (a) o Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o)
- (b) o Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c)
- (c) o Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c)
 - (d) o Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8)
- (e) o An investment adviser in accordance with section 240.13d-1(b)(1)(ii)(E)
- (f) o An employee benefit plan or endowment fund in accordance with section 240.13d-1(b)(1)(ii)(F)
- (g) o A parent holding company or control person in accordance with section 240.13d-1(b)(1)(ii)(G)
 - (h) o A savings association as defined in section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813)
- (i) o A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3)
- (j) o Group, in accordance with section 240.13d-1(b)(1)(ii)(J)

Item 4. Ownership.

Amount beneficially owned:

(a) 3,921,655 (See Footnote 1, Page 2)

(b)	Percent of class: 20.3% (See Footnote 2, Page 2)
(c)N	Number of shares as to which the person has:
(i)	sole power to vote or to direct the vote ,921,655
(ii) (Shared power to vote or to direct the vote
(iii)	Sole power to dispose or to direct the disposition of 3,921,655
(iv)	Shared power to dispose or to direct the disposition of 0

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Item 5. Ownership of Five Percent or Less of a Class.
If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following: o
Instruction: Dissolution of a group requires a response to this item.
Not Applicable.
Item 6. Ownership of More than Five Percent on Behalf of Another Person.
Not Applicable.
 Item Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person.
Not Applicable.
Item 8. Identification and Classification of Members of the Group.
Not Applicable.
Item 9. Notice of Dissolution of Group.
Not Applicable.

Item 10. Certification.

Not Applicable.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

February 17, 2015

/s/ James A. Hayward James A. Hayward

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