

NANOGEN INC  
Form 4  
August 02, 2005

**FORM 4**

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549**

OMB APPROVAL

OMB Number: 3235-0287  
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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 OF SECURITIES**

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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
**LIDGARD GRAHAM PETER**

(Last) (First) (Middle)

10398 PACIFIC CENTER CT.

(Street)

SAN DIEGO, CA 92121

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
**NANOGEN INC [NGEN]**

3. Date of Earliest Transaction (Month/Day/Year)  
**07/29/2005**

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
**Sr. VP R&D, CTO**

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

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially 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. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	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	07/29/2005		A	(A) or (D) Code V Amount 25,000 (1)	\$ 0.001	27,000	D

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

**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.**

SEC 1474  
(9-02)

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

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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 Exercisable and Expiration Date (Month/Day/Year)	7. Title and Underlying Security (Instr. 3 and 4)
Incentive Stock Option	\$ 4.7					01/29/2005 07/29/2014	Common Stock
Non-Qualified Stock Option	\$ 4.7					01/29/2005 07/29/2014	Common Stock
Incentive Stock Option	\$ 1.72					01/14/2004 01/14/2013	Common Stock
Incentive Stock Option	\$ 3.45					01/18/2004 07/18/2013	Common Stock
Non-Qualified Stock Option	\$ 1.72					01/14/2004 01/14/2013	Common Stock
Non-Qualified Stock Option	\$ 3.45					01/18/2004 07/18/2013	Common Stock
Incentive Stock Option	\$ 4.4	07/29/2005		A	10,938	01/29/2006 <sup>(2)</sup> 07/29/2015	Common Stock
Non-Qualified Stock Option	\$ 4.4	07/29/2005		A	26,562	01/29/2006 <sup>(2)</sup> 07/29/2015	Common Stock

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
LIDGARD GRAHAM PETER 10398 PACIFIC CENTER CT. SAN DIEGO, CA 92121			Sr. VP R&D, CTO	

## Signatures

/s/ Graham  
Lidgard 08/02/2005

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).

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(1) Shares subject to a Restricted Stock Unit award which vest and become issuable on July 29, 2007

(2) Option vests ratably on a monthly basis over a 2 year period beginning 6 months from date of grant with continued service.

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

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