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

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

1. Name and Address of Reporting Person* REARDON WILLIAM S						2. Issuer Name and Ticker or Trading Symbol IDERA PHARMACEUTICALS, INC. [IDP]									ck all app	ionship of Reporting all applicable) Director		10% Owner	
(Last) (First) (Middle) 9 STEAMBOAT LANE						3. Date of Earliest Transaction (Month/Day/Year) 10/01/2007									Offic belo	er (give title w)		Other (specify below)	
					4. If A	4. If Amendment, Date of Original Filed (Month/Day/Year)									Form	ual or Joint/Group Filing (Check Applicable Form filed by One Reporting Person Form filed by More than One Reporting Person			
(Oily)	(0.11			Non-Deriv	ative 9	Secu	ıritice		nuired	Die	nosed o	f or F	Renefi	cially	ν Own	ad			
Table I - Non-Deriva 1. Title of Security (Instr. 3) 2. Transaction Date (Month/Day/				ion	2A. Deemed Execution Date,			3. Transaction Code (Instr.		4. Securities Acquired (ADisposed Of (D) (Instr. 35)			A) or	5. Am Secur	ount of rities ficially d	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)			
									Code	v	Amount	(A) (D)	or Pri	ce	Repo Trans	Reported Transaction(s) (Instr. 3 and 4)		(mga: 4)	
Common Stock 10/01/20					07			P		230	A	\$7	.607	5	4,008	D			
		Та	ble II	- Derivat (e.g., pı							osed of, onvertib				Owned				
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	Conversion or Exercise (Month/Day/Year) Frice of Perivative Security			saction of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			Date Exercisable and Expiration Date (Month/Day/Year) Date Expiration Date			7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) Amoun or Number of Title Shares		of Do Se (In	Price erivative ecurity estr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	Owners Form: Direct (or Indi (I) (Inst	Beneficial Ownership ect (Instr. 4)		

Explanation of Responses:

Remarks:

William S. Reardon 10/01/2007

** 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.

^{*} 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).