

Gray Karen A
Form 4
January 13, 2010

FORM 4

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

OMB APPROVAL

OMB Number: 3235-0287
Expires: January 31, 2005
Estimated average burden hours per response... 0.5

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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 *
Gray Karen A

2. Issuer Name and Ticker or Trading Symbol
HYDRON TECHNOLOGIES INC
[HTEC]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

411 WALNUT ST. #4315

(Street)

3. Date of Earliest Transaction (Month/Day/Year)
05/01/2009

Director 10% Owner
 Officer (give title below) Other (specify below)

GREEN COVE SPRINGS, FL 32043

(City) (State) (Zip)

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

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 Beneficial Ownership (Instr. 4)
			Code	V	Amount	(D)	Price
Series A Preferred Stock					100	D	
Common Stock					11,000	D	

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

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SEC 1474
(9-02)

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

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 Amount of Underlying Security (Instr. 3 and 4)	8. Amount or Number of Securities		
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of S
Options to Purchase Common Stock	<u>(1)</u>	04/30/2009		J ⁽²⁾	20,000			<u>(1)</u>	<u>(1)</u>	Common Stock	20,000
Options to Purchase Common Stock	\$ 0.183							05/01/2007	04/30/2012	Common Stock	20,000
Options to Purchase Common Stock	\$ 0.075							05/01/2008	04/30/2013	Common Stock	20,000
Options to Purchase Common Stock	\$ 0.0215	05/01/2009		J ⁽³⁾	25,000			05/01/2009	04/30/2014	Common Stock	25,000

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

Gray Karen A
 411 WALNUT ST. #4315
 GREEN COVE SPRINGS, FL 32043

X

Signatures

/s/ Karen Gray

01/13/2010

**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).
- (1) The aggregate number of options owned have various Conversion/Exercise Prices at various Dates Exercisable and Expiration Dates.
- (2) Disposition pursuant to expiration.
- (3) Options issued for services rendered as a Director of the Issuer.

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.