

<b>NRC FORM 314</b> (6-2004) 10 CFR 30.56(j)(1); 40.42(j)(1); 70.38(j)(1); and 72.54(j)(1)	<b>U.S. NUCLEAR REGULATORY COMMISSION</b>		APPROVED BY OMB: NO. 3150-0028	EXPIRES: 06/30/2007
	<b>CERTIFICATE OF DISPOSITION OF MATERIALS</b>			Estimated burden per response to comply with this mandatory collection request: 30 minutes. This submittal is used by NRC as part of the basis for its determination that the facility is released for unrestricted use. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to <a href="mailto:infocollects@nrc.gov">infocollects@nrc.gov</a> , and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202 (3150-0028), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

LICENSEE NAME AND ADDRESS <i>Groundwater Treatment &amp; Technology, Inc.</i> <i>PO Box 1174</i> <i>Denville, NJ 07834</i>	LICENSE NUMBER <i>29-30569-01</i>	DOCKET NUMBER <i>030-35376</i>
	LICENSE EXPIRATION DATE <i>MAY 31, 2010</i>	

**A. LICENSE STATUS (Check the appropriate box)**

This license has expired.  This license has not yet expired; please terminate it.

**B. DISPOSAL OF RADIOACTIVE MATERIAL**  
 (Check the appropriate boxes and complete as necessary. If additional space is needed, provide attachments)

The licensee, or any individual executing this certificate on behalf of the licensee, certifies that:

1. No radioactive materials have ever been procured or possessed by the licensee under this license.

2. All activities authorized by this license have ceased, and all radioactive materials procured and/or possessed by the licensee under this license number cited above have been disposed of in the following manner.

a. Transfer of radioactive materials to the licensee listed below: *Craig Testing Laboratories, Inc.*  
*5439 Harding Hwy*  
*PO Box 427*  
*Mays Landing, NJ 08530*  
*(Copy of license is attached)*

b. Disposal of radioactive materials:

1. Directly by the licensee:

2. By licensed disposal site:

3. By waste contractor:

c. All radioactive materials have been removed such that any remaining residual radioactivity is within the limits of 10 CFR Part 20, Subpart E, and is ALARA.

**C. SURVEYS PERFORMED AND REPORTED**

1. A radiation survey was conducted by the licensee. The survey confirms:

a. the absence of licensed radioactive materials

b. that any remaining residual radioactivity is within the limits of 10 CFR 20, Subpart E, and is ALARA.

2. A copy of the radiation survey results:

a. is attached; or  b. is not attached (Provide explanation); or  c. was forwarded to NRC on: \_\_\_\_\_ Date

3. A radiation survey is not required as only sealed sources were ever possessed under this license, and

a. The results of the latest leak test are attached; and/or  b. No leaking sources have ever been identified.

The person to be contacted regarding the information provided on this form:

NAME <i>PATRICK HUNNEWELL</i>	TITLE <i>CONST. DIVISION MGR.</i>	TELEPHONE (includes Area Code) <i>973.983.0901</i>	E-MAIL ADDRESS <i>phunnewell@gwttinc.com</i>
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Mail all future correspondence regarding this license to:  
*GWTT, PO Box 1174, Denville, NJ 07834*

**C. CERTIFYING OFFICIAL**  
 I CERTIFY UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT

PRINTED NAME AND TITLE <i>PATRICK T. HUNNEWELL Const Div Mgr</i>	SIGNATURE <i>[Signature]</i>	DATE <i>1-8-07</i>
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WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECT. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.



**GROUND/WATER TREATMENT  
& TECHNOLOGY, INC.**

**FAXED**  
6-26-06  
P.T.H.

P.O. BOX 1174 DENVILLE, NEW JERSEY 07834  
Phone (973)-983-0901 • Fax (973) 983-0903

June 26, 2006

United States Nuclear Regulatory Commission  
Region 1  
475 Allendale Road  
King of Prussia, PA 19406  
Attn: Mr. Sattar Lodhi

**Re: Ground/Water Treatment & Technology, Inc. – License No. 29-30569-01  
Transfer of Equipment & Request for Termination of License  
CONTROL No. 138304**

*Via Facsimile to 610-337-5269*

Dear Mr. Lodhi:

On Thursday, June 22, 2006, Ground/Water Treatment & Technology, Inc. (GWTT) transferred ownership of our Troxler Gauge Model 3430, Serial Number 31584, to Craig Testing of Mays Landing, NJ. Craig Testing currently maintains an existing license with the United States Nuclear Regulatory Commission for operation/storage of similar devices. The device was provided to Craig Testing by GWTT for no charge.

At this time, we are requesting termination of our material license number 29-30569-01, since we no longer maintain or store the above-referenced Troxler gauge. We do not intend to re-purchase another gauge, or similar device, in the future.

If you have any questions, please give me a call at (973) 983-0901 (x15) or (973) 224-4122 (mobile).

Very truly yours,  
*Ground/Water Treatment & Technology, Inc.*

Patrick T. Hunnewell  
Construction Division Manager



**Troxler Electronic Laboratories, Inc.**

3008 Cornwallis Rd., P.O. Box 12057  
 Research Triangle Park, NC 27709  
 Tel: (877) 876-9537 Fax: (919) 485-2250

License: NC 032-0182-1

**LEAK TEST CERTIFICATE**

**DEVICE:**

Model: 3430 Serial No: 31584

**SEALED SOURCES:**

SERIAL NO.	MEASURE DATE	NUCLIDE	ACTIVITY	
			(GBq)	(mCi)
750-6423	02/18/2000	CS-137	0.296	8
47-28233	12/03/1998	AM-241:BE	1.48	40

**LEAK TEST ANALYSIS:**

Sample collected on: 05/03/2006

Sample analyzed on: 05/05/2006 at 10:35:00 AM

Analyzed by: HARRY P. PENDLETON, JR.

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.28E+01	2.04E+01
Background measurement (cpm)	1	28
Sample measurement (cpm)	0	17
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	6.1E-01	1.3E+00

This certifies that the above leak test results are:

Less than 185 Bq (0.005 uCi)  Greater than 185 Bq (0.005 uCi)

If greater than 185 Bq (0.005 uCi):

Person Notified \_\_\_\_\_ Date \_\_\_\_\_

Phone \_\_\_\_\_ and/or Fax \_\_\_\_\_



3008 Cornwallis Rd. P.O. Box 12057 Research Triangle Park, North Carolina 27709, U.S.A.

Device - Model # 03430, Serial # 031584  
Source(s) - Serial # 750-6423, Radionuclide Cs-137  
Serial # 47-28233, Radionuclide Am-241 Be  
Date of Test: 5-3-06

Please print legibly and firmly. This is your return address label.

- Ground/Water Treat. & Tech.
- PO Box 1174
- Denville, NJ 07834

Your Name: Pat Huxwell  
Telephone: (973) 983 0901 (x15)

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ORIGINAL COPY

LEAK TEST ANALYSIS

This certifies that the sample accompanying this form has been analyzed using an approved monitoring method that measures both beta/gamma & alpha contamination; and, that the results of this analysis shows the removable activity to be less than 0.005 microcuries.



5439 Harding Highway • P.O. Box 427 • Mays Landing, NJ 08330-0427 • (609) 625-1700 • FAX (609) 625-1798

March 13, 2006

Ground/Water Treatment & Technology, Inc.  
P. O. Box 1174  
Denville, New Jersey 07834

Attn: Mr. Patrick T. Hunnewell,  
Construction Division Manager

RE: Troxler Model No 03430  
Serial No. 031584

Gentlemen:

Pursuant to your letter dated Tuesday, March 7, 2006 Craig Testing Laboratories, Inc. will take custody of the above referenced device.

For your use, review and files Craig Testing Laboratories, Inc. is herewith submitting a copy of our U. S. Nuclear Regulatory Commission license that allows our firm to take custody of this device for your use and review (see attached).

Any leak test records or other documentation/information you may have would be appreciated when our firm takes custody of this device.

At your convenience, Craig Testing Laboratories, Inc. can make arrangements to pick-up the device from your Wharton, New Jersey office.

We trust the following information is sufficient for your use and review.

Should you have any questions please feel free to contact our office.

Respectfully submitted,

CRAIG TESTING LABORATORIES, INC.

  
Michael W. Cannan,  
President

MWC/jis  
attachment  
973-983-0901/phone  
973-983-0903/fax

cc: U. S. Nuclear Regulatory Commission, Region I, 475 Allendale Road,  
King of Prussia, Pennsylvania 19406 - Ms. Michelle Beardsley, Health Physicist

**MATERIALS LICENSE**

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

<p style="text-align: center;">Licensee</p> <p>1. Craig Testing Laboratories, Inc.</p> <p>2. P.O. Box 427 5435 Harding Highway Mays Landing, NJ 08330</p>	<p>In accordance with the letter dated September 28, 1999,</p> <p>3. License number 29-18018-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date March 31, 2009</p> <hr/> <p>5. Docket No. 030-14353 Reference No.</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>Cesium 137</p> <p>B. Americium 241</p>	<p>7. Chemical and/or physical form</p> <p>A. Sealed sources registered either with the NRC under 10 CFR 32.210 or with an Agreement State and incorporated in a compatible portable gauging device as specified in Item 9 of this license</p> <p>B. Sealed neutron sources registered either with the NRC under 10 CFR 32.210 or with an Agreement State and incorporated in a compatible portable gauging device as specified in Item 9 of this license</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. No single source to exceed the maximum activity specified in the certificate of registration issued by NRC or an Agreement State</p> <p>B. No single source to exceed the maximum activity specified in the certificate of registration issued by NRC or an Agreement State</p>
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9. Authorized use:

A. and B. To be used, for measuring physical properties of materials, in portable gauging devices that have been registered either with NRC under 10 CFR 32.210 or with an Agreement State and have been distributed in accordance with an NRC or Agreement State specific license authorizing distribution to persons specifically authorized by an NRC or Agreement State license to receive, possess, and use the devices.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License Number

29-18018-01

Docket or Reference Number

030-14353

Amendment No. 13

**CONDITIONS**

10. Licensed material may be used or stored at the licensee's facilities located at 5439 Harding Highway, Mays Landing, New Jersey and may be used at temporary job sites of the licensee anywhere in the United States where the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material.
11. Licensed material shall only be used by, or under the supervision and in the physical presence of, individuals who have received the training described in the application dated March 2, 1999.
12. A. The Radiation Safety Officer for this license is Eugene Samuelsen.  
B. Before assuming the duties and responsibilities as Radiation Safety Officer for this license, the individual shall have successfully completed one of the training courses described in Criteria in Section 8.8 of NUREG-1556, Volume 1 dated May 1997.
13. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35(d), 40.36(b), and 70.25(d) for establishing financial assurance for decommissioning.
14. A. Sealed sources shall be tested for leakage and/or contamination at intervals not to exceed the intervals specified in the certificate of registration issued by the U. S. Nuclear Regulatory Commission under 10 CFR 32.210 or under equivalent regulations of an Agreement State.  
B. In the absence of a certificate from a transferor indicating that a leak test has been made, within the intervals specified in the certificate of registration issued by the U. S. Nuclear Regulatory Commission under 10 CFR 32.210 or under equivalent regulations of an Agreement State, prior to the transfer, a sealed source received from another person shall not be put into use until tested and the test results received.  
C. Sealed sources need not be tested if they are in storage and are not being used. However, when they are removed from storage for use or transferred to another person, and have not been tested within the required leak test interval, they shall be tested before use or transfer. No sealed source shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.  
D. The leak test shall be capable of detecting the presence of 0.005 microcurie (185 becquerels) of radioactive material on the test sample. If the test reveals the presence of 0.005 microcurie (185 becquerels) or more of removable contamination, a report shall be filed with the U.S. Nuclear Regulatory Commission in accordance with 10 CFR 30.50(c)(2) and the source shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Commission regulations.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**License Number  
29-18018-01Docket or Reference Number  
030-14353

Amendment No. 13

- E. Tests for leakage and/or contamination, limited to leak test sample collection, shall be performed by the licensee or by other persons specifically licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services. The licensee is not authorized to perform the analysis; analysis of leak test samples must be performed by persons specifically licensed by the Commission or an Agreement State to perform such services.
- F. Records of leak test results shall be kept in units of microcuries and shall be maintained for 3 years.
15. Sealed sources or source rods containing licensed material shall not be opened or sources removed or detached from source rods or gauges by the licensee, except as specifically authorized.
16. The licensee shall conduct a physical inventory every six months, or at other interval approved by the U.S. Nuclear Regulatory Commission, to account for all sealed sources and/or devices received and possessed under the license.
17. Each portable nuclear gauge shall have a lock or outer locked container designed to prevent unauthorized or accidental removal of the sealed source from its shielded position. The gauge or its container must be locked when in transport, storage or when not under the direct surveillance of an authorized user.
18. Any cleaning, maintenance, or repair of the gauges that requires detaching the source or source rod from the gauge shall be performed only by the manufacturer or other persons specifically licensed by the U. S. Nuclear Regulatory Commission or an Agreement State to perform such services.
19. Except for maintaining labeling as required by 10 CFR Part 20 or 71, the licensee shall obtain authorization from the U. S. Nuclear Regulatory Commission before making any changes in the sealed source, device, or source-device combination that would alter the description or specifications as indicated in the respective Registration Certificates issued either by the Commission pursuant to 10 CFR 32.210 or by an Agreement State.
20. A. If the licensee uses unshielded sealed sources extended more than 3 feet below the surface, the licensee shall use surface casing that extends from the lowest depth to 12 inches above the surface and other appropriate procedures to reduce the probability of the source or probe becoming lodged below the surface. If it is not feasible to extend the casing 12 inches above the surface, the licensee shall implement procedures to ensure that the cased hole is free of obstruction before making measurements.
- B. If a sealed source or a probe containing sealed sources becomes lodged below the surface and it becomes apparent that efforts to recover the sealed source or probe may not be successful, the licensee shall notify the U.S. Nuclear Regulatory Commission and submit the report required by 10 CFR 30.50(b)(2) and (c). The licensee shall not abandon the sealed source or probe without obtaining the Commission's prior written consent.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

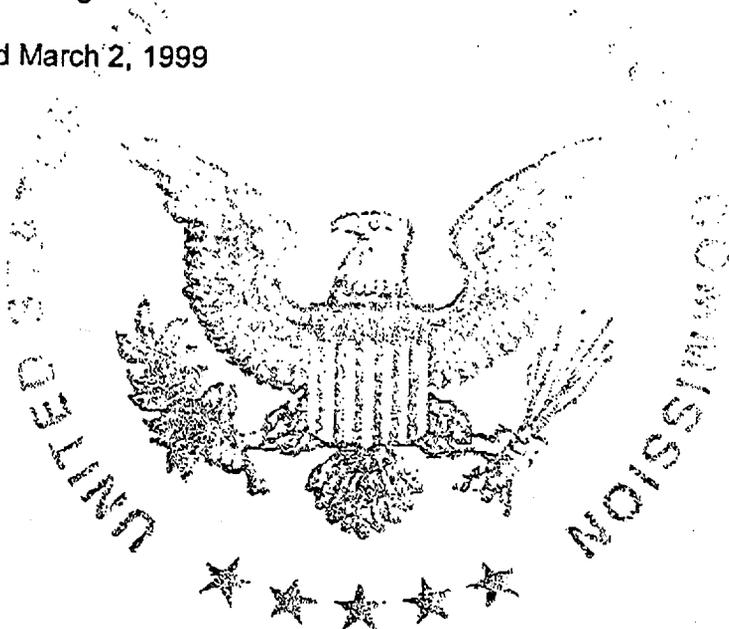
License Number  
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030-14353

Amendment No. 13

- 21. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
- 22. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The U.S. Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.

A. Application dated March 2, 1999



For the U.S. Nuclear Regulatory Commission

Date October 6, 1999

By

*Pamela J. Henderson*

Pamela J. Henderson  
Nuclear Materials Safety Branch 2  
Region I  
King of Prussia, Pennsylvania 19406

NRC FORM 374A

U.S. NUCLEAR REGULATORY COMMISSION

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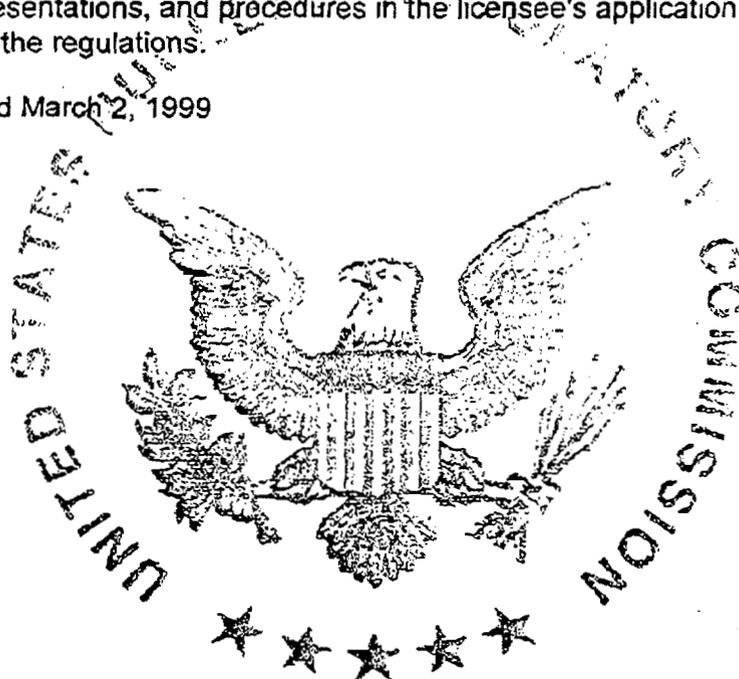
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For the U.S. Nuclear Regulatory Commission

Date October 6, 1999

By *Pamela J. Henderson*

Pamela J. Henderson  
Nuclear Materials Safety Branch 2  
Region I  
King of Prussia, Pennsylvania 19406

3262261

This is to acknowledge the receipt of your letter/application dated

1/8/2007, and to inform you that the initial processing which includes an administrative review has been performed.

TEAM, 29-30569-01 There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card

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A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned Mail Control Number 139930.  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.

NRC FORM 532 (RI)  
(8-98)

Sincerely,  
Licensing Assistance Team Leader