



The State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES



Robert R. Scott, Commissioner

EMAIL & REGULAR MAIL

October 25, 2017

John P. Gruber
Chief Compliance Officer
Great American Financial Resources, Inc.
PO Box 5420
Cincinnati, OH 45202-4201

Subject: Concord – Electropac Worldwide (Former Vishay Sprague), 70 Pembroke Road
DES Site #**198711003**, Project #420

Application for Renewal of Groundwater Management Permit, prepared by
GZA GeoEnvironmental, Inc., dated July 28, 2017

Dear Mr. Gruber:

Please find enclosed Groundwater Management Permit Number **GWP-198711003-C-006** approved by the New Hampshire Department of Environmental Services (NHDES). This permit is issued for a period of 5 years to monitor the effects of past discharges of volatile organic compounds (VOCs) at the above-referenced site, and is a renewal of the previous permit that expired on July 30, 2017.

All monitoring summaries and all required sampling results shall be submitted to the Groundwater Management Permits Coordinator at the address below. All correspondence must contain a cover letter that clearly shows the NHDES identification number for the site (DES Site #**198711003**, Project #**420**).

Based on the data presented, NHDES concurs with the monitoring activities proposed in the Permit renewal application and included gauging of monitoring wells in the area of the former heating oil underground storage tank. Please note that additional guidance on the detection of Light Non-Aqueous Phase Liquid (LNAPL) at monitoring well RFW-2 will be provided under separate cover by NHDES' Oil Remediation and Compliance Bureau (ORCB).

NHDES also approved the proposed reduction of the Groundwater Management Zone (GMZ) to remove upgradient properties from the site GMZ. Accordingly, GZA GeoEnvironmental, Inc. should proceed with filing release from recordation documents at the Merrimack County Registry of Deeds for Parcel 110-1-20 and Parcel 110-1-21. Original signed copies of the release from recordation documents are attached to this letter.

www.des.nh.gov

PO Box 95, 29 Hazen Drive, Concord, NH 03302-0095
Telephone: (603) 271-2908 Fax: (603) 271-2181 TDD Access: Relay NH 1-800-735-2964

John P. Gruber
DES #198711003
October 25, 2017
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Should you have any questions, please contact me at NHDES' Waste Management Division.

Sincerely,



Sam Quattrini, P.G.
Hazardous Waste Remediation Bureau
Tel: (603) 271-2890
Fax: (603) 271-2181
Email: Samuele.Quattrini@des.nh.gov

Encl: Release of Recordation Documents

ec: Paul Rydel, P.G., HWRB
Andrew Fuller, P.G., ORCB
Tanya P. Justham, GZA GeoEnvironmental, Inc. w/ original Release of Recordations
Attention Health Officer, City of Concord



The
NEW HAMPSHIRE DEPARTMENT OF ENVIRONMENTAL SERVICES
hereby issues
GROUNDWATER MANAGEMENT PERMIT NO. GWP-198711003-C-006
to the permittee
GREAT AMERICAN FINANCIAL RESOURCES, INC.
to monitor the past discharge of
Volatile Organic Compounds
at
FORMER VISHAY SPRAGUE
(70 Pembroke Road)
in CONCORD, N.H.
via the groundwater monitoring system comprised of
11 monitoring wells
as depicted on the Site Plan entitled
Figure 1 – Exploration Location Plan 2016 Exceedance Plan
dated July 2017, prepared by GZA GeoEnvironmental, Inc.

TO: JOHN GRUBER
GREAT AMERICAN FINANCIAL RESOURCES, INC.
PO BOX 5420
CINCINNATI, OH 45201-5420

Date of Issuance: October 25, 2017
Date of Expiration: October 24, 2022

Pursuant to authority in N.H. RSA 485-C:6-a, the New Hampshire Department of Environmental Services (NHDES), hereby grants this permit to monitor past discharges to the groundwater at the above described location for five years subject to the following conditions:

(continued)

STANDARD MANAGEMENT PERMIT CONDITIONS

1. The permittee shall not violate Ambient Groundwater Quality Standards adopted by NHDES (N.H. Admin. Rules Env-Or 600) in groundwater outside the boundaries of the Groundwater Management Zone, as shown on the site plan entitled *Figure 4 – Groundwater Management Zone (GMZ) Map*, dated July 2017, prepared by GZA GeoEnvironmental, Inc.
2. The permittee shall not cause groundwater degradation that results in a violation of surface water quality standards (N.H. Admin. Rules Env-Wq 1700) in any surface water body.
3. The permittee shall allow any authorized staff of NHDES, or its agent, to enter the property covered by this permit for the purpose of collecting information, examining records, collecting samples, or undertaking other action associated with this permit.
4. The permittee shall apply for renewal of this permit prior to its expiration date but no more than 90 days prior to expiration.
5. This permit is transferable only upon written request to, and approval of, NHDES. Compliance with the existing Permit shall be established prior to permit transfer. Transfer requests shall include the name and address of the person to whom the permit transfer is requested, signature of the current and future permittee, and a summary of all monitoring results to date.
6. NHDES reserves the right, under N.H. Admin. Rules Env-Or 600, to require additional hydrogeologic studies and/or remedial measures if NHDES receives information indicating the need for such work.
7. The permittee shall maintain a water quality monitoring program and submit monitoring results to NHDES no later than 45 days after sampling. Samples shall be taken from the monitoring wells as shown and labeled on the referenced site plan, and listed on the following table in accordance with the schedule outlined herein:

Monitoring Locations	Sampling Frequency	Parameters
RFW-1	May of every even numbered year	NHDES Waste Management Division Full List of analytes for volatile organics (Full VOC List) and static water elevation
GZ-3U and GZ-3L	October 2021	Full VOC List and static water elevation
GZ-5U, GZ-6L, GZ-6R, and GZ-7R	May and October each year	Full VOC List and static water elevation
GZ-6L & GZ-6R	May each year	COD, TOC, dissolved arsenic, methane, ethene, ethane, ORP, DO
GZ-6L	May and October each year	1,4-dioxane analysis (utilizing an analytical method with a reporting limit of 0.25 µg/L or less)
RFW-1, RFW-2, GT-2, GT-3, and GZ-7L	May and October each year	Static Water Levels, and Free Product Thickness

Sampling shall be performed in accordance with the documents listed in Env-Or 610.02 (e). Samples shall be analyzed by a laboratory certified by the U.S. Environmental Protection Agency, or the New Hampshire Department of Environmental Services pursuant to Env-C 300. All overburden groundwater samples collected for dissolved arsenic analyses shall be field filtered (with a 0.45-micron filter) and acidified after filtration in the field.

Summaries of water quality shall be submitted biennially to NHDES' Waste Management Division, starting in the month of December 2019, using a format acceptable to NHDES. The Summary Report shall include the information listed in Env-Or 607.04 (a), as applicable.

The Biennial Summary Report shall be prepared and stamped by a professional engineer or professional geologist licensed in the State of New Hampshire.

8. Issuance of this permit is based on the Groundwater Management Permit Renewal Application dated July 28, 2017, and the historical documents found in NHDES file DES #198711003. NHDES may require additional hydrogeologic studies and/or remedial measures if invalid or inaccurate data are submitted.
9. Within 30 days of discovery of a violation of an ambient groundwater quality standard at or beyond the Groundwater Management Zone boundary, the permittee shall notify NHDES in writing. Within 60 days of discovery, the permittee shall submit recommendations to correct the violation. NHDES shall approve the recommendations if NHDES determines that they will correct the violation.
10. All monitoring wells at the site shall be properly maintained and secured from unauthorized access or surface water infiltration.

SPECIAL CONDITIONS FOR THIS PERMIT

11. Recorded properties within the Groundwater Management Zone includes the lots as listed and described in the following table:

Tax Map / Lot No.	Property Address	Owner Name and Address	Deed Reference (Book / Page)
110 -1-1	70 Pembroke Road Concord, NH	Capitol City Business Center, LLC 252 Willow Street Manchester, NH 03103-6294	2265 / 1072
110-1-3	45 Airport Road Concord, NH	City of Concord 41 Green Street Concord, NH 03301	985 / 423
110-1-3A	51 Airport Road Concord, NH	City of Concord c/o NH Wing Civil Air Patrol 51 Airport Road Concord, NH 03301	148 / 366
110-1-6	Concord Airport 65 Airport Road Concord, NH	City of Concord 41 Green Street Concord, NH 03301	2693 / 1655

(continued)

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Tax Map / Lot No.	Property Address	Owner Name and Address	Deed Reference (Book / Page)
110-1-6A	71-83 Airport Road Concord, NH	Concord Aviation Services c/o Community Development 41 Green Street Concord, NH 03301	Not Available
110-1-22	26 Regional Drive Concord, NH	City of Concord Leased Army/Aviation/Support Facility 41 Green Street Concord, NH 03301	1888 / 1646
110-1-23	36 Regional Drive U-01 Concord, NH	Runde Family Revocable Trust 168 South Street Concord, NH 03302	3434 / 0113
110-1-24	36 Regional Drive U-02 Concord, NH	Briggs, Stephen I 398 Currier Road Hopkinton, NH 03229	3438 / 0351
110-1-25	36 Regional Drive U-03 Concord, NH	Izzy's Hanger, LLC 175 Jug City Road. Epsom, NH 03234	3452 / 2484
110-1-26	36 Regional Drive U-04 Concord, NH	Claus, Tracy PO Box 1804 Merrimack, NH 03054	3460 / 0975
110-1-27	36 Regional Drive U-05 Concord, NH	Owl Lake, LLC 68 Old Rindge Road Strafford, NH 03884	3030 / 0865
110-1-28	36 Regional Drive U-06 Concord, NH	Spencer, Robert F. Trust 3 Kent Street Concord, NH 03301	3438 / 0539
110-1-29	36 Regional Drive U-07 Concord, NH	Faust, Stanley J. 131 DW HWY #670 Nashua, NH 03060	3537 / 1931
110-1-30	36 Regional Drive U-08 Concord, NH	Paquin, Michael A. & Jane A. 4 Viewpoint Drive Hooksett, NH 03106	3450 / 0216
110-1-31	36 Regional Drive U-09 Concord, NH	Arndt, Steven R. & Kimberly C. 173 Hopkinton Road Concord, NH 03301	3550 / 2279
110-1-32	36 Regional Drive U-10 Concord, NH	Arndt, Steven R. & Kimberly C. 173 Hopkinton Road Concord, NH 03301	3438 / 0355
110-1-999	36 Regional Drive U-11 Concord, NH	Concord North Ramp Hangar Condo Unit Owners Assoc. East Coast Hangers, LLC PO Box 932 Concord, NH 03302	3030 / 0861
117C-1-6	60 Pembroke Road Concord, NH	John W. Robinson 60 Pembroke Road Concord, NH 03001	3055 / 1935
117C-1-7	62 Pembroke Road Concord, NH	Duane L. Tomaszewski & Cindy L. Harper 8111 Devlin road Bristow, VA 20136	2364 / 1331

Tax Map / Lot No.	Property Address	Owner Name and Address	Deed Reference (Book / Page)
117C-1-9	56 Canterbury Road, Concord, NH	Jeffrey Abbot Sr. 56 Canterbury Road Concord, NH 03301	3465 / 0898
117C-1-21	32 Canterbury Road Concord, NH	John R. Meisenburg 66 Pembroke Road Concord, NH 03301	3263 / 1076
117C-1-22	36-38 Canterbury Road Concord, NH	Loralee L. Ames 36 Canterbury Road Concord, NH 03301	2400 / 1047
117C-1-23	40-42 Canterbury Road Concord, NH	Glenda M. Carter 40 Canterbury Road Concord, NH 03301	2807 / 1436
117C-1-24	66 Pembroke Road Concord, NH	John R. Meisenburg 66 Pembroke Road Concord, NH 03301	1986 / 1059
117C-1-25	48 Canterbury Road Concord, NH	Crystal A. Fronk 48 Canterbury Road Concord, NH 03301	3309 / 0358
117C-1-26	46 Canterbury Road Concord, NH	Nelida A. Magsipoc 46 Canterbury Road Concord, NH 03301	2589 / 0237
117C-1-27	44 Canterbury Road Concord, NH	George E. Kapos 44 Canterbury Road Concord, NH 03301	2604 / 1170
117C-1-28	52 Canterbury Road Concord, NH	Justin & Nicole Parizo 52 Canterbury Road Concord, NH 03301	3085 / 1265

12. The permittee shall update the ownership information required by Env-Or 607.03(a)(20) for all properties within the Groundwater Management Zone prior to renewal of the permit, or upon a recommendation for site closure.

Karlee Kenison

Karlee A. Kenison, P.G., Administrator
Hazardous Waste Remediation Bureau
Waste Management Division

Any person aggrieved by any terms or conditions of this permit may appeal to the N.H. Waste Management Council ("Council") by filing an appeal that meets the requirements specified in RSA 21-O:14 and the rules adopted by the Council, Env-WMC 200. The appeal must be filed **directly with the Council within 30 days** of the date of this decision and must set forth fully **every ground** upon which it is claimed that the decision complained of is unlawful or unreasonable. Only those grounds set forth in the notice of appeal can be considered by the Council.

Information about the Council, including a link to the Council's rules, is available at <http://nhec.nh.gov/> (or more directly at <http://nhec.nh.gov/waste/index.htm>). Copies of the rules also are available from NHDES' Public Information Center at (603) 271-2975.

GWP-198711003-C-006



The State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES

Robert R. Scott, Commissioner

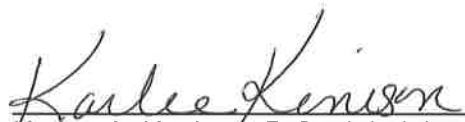


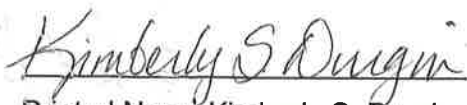
**DISCHARGE AND RELEASE OF
NOTICE OF GROUNDWATER MANAGEMENT PERMIT**

**TO BE RECORDED IN FAVOR OF
GRANITE STATE MANAGEMENT & RESOURCES
at Book 3055 Page 1932**

For value received, the State of New Hampshire Department of Environmental Services, issuer of a groundwater management permit GWP-198711003-C-004 to Great American Financial Resources, Inc. for the property located in the City of Concord and recorded by Notice of Groundwater Management Permit, on July 10, 2007, against the real property of Granite State Management Resources (Map 110, Block 1, Lot 20), in Merrimack County Registry of Deeds at Book 3002, Page 669, hereby discharges and releases the said Notice of Groundwater Management Permit.

Subscribed, sworn to and acknowledged before me Karlee A. Kenison, the issuer, this 25th day of October, 2017.


Karlee A. Kenison, P.G., Administrator
Hazardous Waste Remediation Bureau
Waste Management Division


Printed Name Kimberly S. Durgin
Notary Public

My commission expires



www.des.nh.gov

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The State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES



Robert R. Scott, Commissioner

**DISCHARGE AND RELEASE OF
NOTICE OF GROUNDWATER MANAGEMENT PERMIT**

**TO BE RECORDED IN FAVOR OF
CONCORD CHRISTIAN ACADEMY
at Book 3010 Page 0308**

For value received, the State of New Hampshire Department of Environmental Services, issuer of a groundwater management permit GWP-198711003-C-004 to Great American Financial Resources, Inc. for the property located in the City of Concord and recorded by Notice of Groundwater Management Permit, on July 10, 2007, against the real property of Centennial Senior Center (Map 110, Block 1, Lot 21), in Merrimack County Registry of Deeds at Book 3002, Page 667, hereby discharges and releases the said Notice of Groundwater Management Permit.

Subscribed, sworn to and acknowledged before me Karlee A. Kenison, the issuer, this 25th day of October, 2017.

Karlee A. Kenison, P.G., Administrator
Hazardous Waste Remediation Bureau
Waste Management Division

Printed Name Kimberly S. Durgin
Notary Public

My commission expires



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