

NRC FORM 591M  
(04-2022)

U.S. NUCLEAR REGULATORY COMMISSION

## Materials Inspection Report

## 1. Licensee/Location Inspected:

Northern Geotechnical Engineering, Inc. / Terra Firma  
11301 Olive Lane  
Anchorage, AK 99515

Report Number(s) 2023-001

## 2. NRC/Regional Office

Region IV  
U. S. Nuclear Regulatory Commission  
1600 E. Lamar Boulevard  
Arlington, TX 76011-4511

## 3. Docket Number(s)

030-34741

## 4. License Number(s)

50-29121-01

## 5. Date(s) of Inspection

4/6/2023

## LICENSEE:

The inspection was an examination of the activities conducted under your license as they relate to radiation safety and to compliance with the Nuclear Regulatory Commission (NRC) rules and regulations and the conditions of your license. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector. The inspection findings are as follows:

1. Based on the inspection findings, no violations were identified.
2. Previous violation(s) closed.
3. During this inspection, certain of your activities, as described below and/or attached, were in violation of NRC requirements, and were assessed at Severity Level IV, in accordance with the NRC Enforcement Policy.
- A. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy were satisfied.  
(Non-cited violation(s) was/were discussed involving the following requirement(s))
- B. The following violation(s) is/are being cited in accordance with NRC Enforcement Policy. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.  
(Violations and Corrective Actions)

## Statement of Corrective Actions

I hereby state that, within 30 days, the actions described by me to the Inspector will be taken to correct the violations identified. This statement of corrective actions is made in accordance with the requirements of 10 CFR 2.201 (corrective steps already taken, corrective steps which will be taken, date when full compliance will be achieved). I understand that no further written response to NRC will be required, unless specifically requested.

TITLE	PRINTED NAME	SIGNATURE AND DATE
LICENSEE'S REPRESENTATIVE	Justin Andryjowicz - RSO	
NRC INSPECTOR	Janine F. Katanic, PhD, CHP	Janine F. Katanic <small>Digitally signed by Janine F. Katanic Date: 2023.04.17 12:54:33 -05'00'</small>
BRANCH CHIEF	Lizette Roldan-Otero, PhD	Lizette Roldan-Otero <small>Digitally signed by Lizette Roldan-Otero Date: 2023.05.21 09:18:42 -05'00'</small>

## Janine Katanic

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**From:** Justin Andryjowicz <jandryjowicz@nge-tft.com>  
**Sent:** Tuesday, April 18, 2023 12:35 AM  
**To:** Janine Katanic; Andrew Fortt  
**Cc:** Ryan Stolt  
**Subject:** [External\_Sender] RE: NRC Inspection/ Northern Geotechnical Engineering Inc./Terra Firma

Thank you so much, we've received your report. We have already sent the gauge back to Troxler to be disposed of, but I understand of the Washington Department of Health has further questions. I don't think we have any further questions at this time, but if any do come up, I'll be sure to let you know. Thank you so much!

**Justin J. Andryjowicz | Special Inspector / Engineering Technician / RSO**  
[Northern Geotechnical Engineering, Inc. d.b.a. Terra Firma Testing](#)  
11301 Olive Lane | Anchorage, AK 99515  
Main: 907-344-5934 | Cell: 909-210-2080 | Fax: 907-344-5993  
Email: [jandryjowicz@nge-tft.com](mailto:jandryjowicz@nge-tft.com)

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**From:** [Janine Katanic](#)  
**Sent:** Monday, April 17, 2023 10:05 AM  
**To:** [Justin Andryjowicz](#); [Andrew Fortt](#)  
**Cc:** [Ryan Stolt](#)  
**Subject:** NRC Inspection/ Northern Geotechnical Engineering Inc./Terra Firma

Justin and Andrew,

Thanks for your time during the NRC routine inspection on April 6, 2023. As discussed with you at the conclusion of our onsite inspection, no violations of NRC requirements were identified. The attached NRC Form 591M provides the inspection results. This electronic copy is the official Agency record. Please retain it for your files. No response to the form is required. However, we request a courtesy email acknowledging receipt.

Also as discussed, information regarding your portable nuclear gauge use in the State of Washington was shared with representatives from their Department of Health, for any follow-up as they deem appropriate.

Please let us know if you have any questions.

Regards,  
Janine

Janine F. Katanic, PhD, CHP  
Senior Health Physicist  
Materials Inspection Branch  
Division of Radiological Safety and Security  
US Nuclear Regulatory Commission  
Region IV  
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