

**NRC FORM 591M PART 1**  
(7-2012)  
10 CFR 2.201

**U.S. NUCLEAR REGULATORY COMMISSION**

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:  
Alpine Geotechnical, LLC  
120 Round Stone Drive, Suite 101  
Kalispell, Montana

2. NRC/REGIONAL OFFICE  
U.S. Nuclear Regulatory Commission  
Region IV, 1600 East Lamar Blvd.  
Arlington, Texas 76011-4511

REPORT NO.: 2021-001

3. DOCKET NUMBER

030-38807

4. LICENSE NUMBER

25-35211-01

5. DATE(S) OF INSPECTION

October 28, 2021

**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. 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, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, to exercise discretion, were satisfied.
- ☐ Non-Cited Violation(s) was/were discussed involving the following requirement(s):
- ☒ 4. During this inspection certain of your activities, as described below and/or attached, were in violation of NRC requirements and are being cited in accordance with the 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)

10 CFR 30.34(i) requires that each portable gauge licensee shall use a minimum of two independent physical controls that form tangible barriers to secure portable gauges from unauthorized removal, whenever portable gauges are not under the control and constant surveillance of the licensee.

Contrary to the above, on the date of inspection on October 28, 2021, the licensee failed to use a minimum of two independent physical controls that formed tangible barriers to secure a portable gauge from unauthorized removal, whenever the portable gauge was not under the control and constant surveillance of the licensee. Specifically, the licensee was storing a Troxler Model 3440 portable gauge (serial number 78439) in the bed of a pickup truck with only one physical barrier while parked behind the licensee's facility on the day of inspection. The inspector arrived at the facility on October 28, 2021, and constant surveillance was not maintained by the licensee of this portable gauge while being temporarily stored in the truck. The licensee corrected this by securing the gauge with an additional lock/barrier.

**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	DATE
LICENSEE'S REPRESENTATIVE	Kagan Rutz	 Digitally signed by Kagan Rutz DN: cn=Kagan Rutz, c=US, o=Alpine Geotechnical, LLC, email=kagan@alpinegeotech.com Reason: I have reviewed this document Date: 2021.11.10 15:36:58 -0700	11/10/2021
NRC INSPECTOR	James L. Thompson	 Digitally signed by James L. Thompson Date: 2021.11.10 10:56:40 -06'00'	11/10/2021
BRANCH CHIEF	Lizette Roldán-Otero, PhD	 Digitally signed by Lizette Roldan-Otero Date: 2021.12.30 13:30:28 -06'00'	

**From:** [Kagan Rutz](#)  
**To:** [Thompson, James](#)  
**Subject:** [External\_Sender] RE: NRC Inspection Report  
**Date:** Wednesday, November 10, 2021 4:35:21 PM  
**Attachments:** [image001.png](#)  
[591M for Alpine.pdf](#)

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Thank you James,

Please see attached signed report.

Sincerely,

Kagan Rutz, P.E.  
Principal



120 Round Stone Drive  
Kalispell, Montana 59901  
Office: 406.257.6479, Ext. 2

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**From:** Thompson, James <James.Thompson@nrc.gov>  
**Sent:** Wednesday, November 10, 2021 1:55 PM  
**To:** Kagan Rutz <kagan@alpinegeotech.com>  
**Subject:** NRC Inspection Report  
**Importance:** High

Kagan,

Please find attached to this email the report for the NRC inspection performed at your facility on October 28, 2021. Please sign and date the report and send it back to me. If you have any questions, reply and I will get back with you.

Thanks,  
-James