



Materials Inspection Report

1. Licensee/Location Inspected: Soils & Structures, Inc. 6480 Grand Haven Rd. Muskegon, MI 49441 (Location Inspected: Traverse City, MI) Report Number(s) 2022002	2. NRC/Regional Office Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
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3. Docket Number(s) 030-33048	4. License Number(s) 21-26469-01	5. Date(s) of Inspection March 22, 2022
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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		
NRC INSPECTOR	Jason Draper, Health Physicist	Jason D. Draper <small>Digitally signed by Jason D. Draper Date: 2022.04.13 13:22:38 -05'00'</small>
BRANCH CHIEF		Michael A. Kunowski <small>Digitally signed by Michael A. Kunowski Date: 2022.04.14 06:59:21 -05'00'</small>



Materials Inspection Record

1. Licensee Name: Soils & Structures, Inc.		2. Docket Number(s): 030-33048		3. License Number(s) 21-26469-01	
4. Report Number(s): 2022002			5. Date(s) of Inspection: March 22, 2022		
6. Inspector(s): Jason Draper		7. Program Code(s): 03121	8. Priority: 5	9. Inspection Guidance Used: IP 87124	
10. Licensee Contact Name(s): Eric Tourre, Branch Manager		11. Licensee E-mail Address: etourre@soilsandstructures.com		12. Licensee Telephone Number(s): (231) 760-6843	
13. Inspection Type:		14. Locations Inspected:		15. Next Inspection Date (MM/DD/YYYY):	
<input type="checkbox"/> Initial <input checked="" type="checkbox"/> Routine <input type="checkbox"/> Announced <input type="checkbox"/> Non-Routine <input checked="" type="checkbox"/> Unannounced		<input type="checkbox"/> Main Office <input checked="" type="checkbox"/> Field Office <input type="checkbox"/> Temporary Job Site <input type="checkbox"/> Remote		06/22/2026 <input type="checkbox"/> Normal <input type="checkbox"/> Extended <input type="checkbox"/> Reduced <input checked="" type="checkbox"/> No change	

16. Scope and Observations:

This was an unannounced field office inspection of an engineering and construction testing firm authorized to possess portable nuclear gauges containing cesium-137 and americium-241 sealed sources. The licensee employed three gauge technicians and possessed four nuclear gauges at this location. On March 23, 2022, the licensee received an additional nuclear gauge from another licensed local engineering firm. The scope of this inspection was limited to activities conducted out of the Traverse City field office.

The inspector toured the licensee's gauge storage facility to evaluate the licensee's measures for materials security, hazard communication, and exposure control. The inspector conducted independent surveys of unrestricted areas, and found no dose rates that could result in exposures to members of the public in excess of regulatory limits. The inspector verified that the licensee secured the gauges with two physical barriers and observed a gauge user demonstrate gauge use and control at temporary job sites and transportation of gauges. The inspector interviewed the gauge user and the Branch Manager regarding gauge use, leak tests, training of users, public dose assessment, gauge transfer, and emergency procedures. The inspector also reviewed a selection of records associated with leak tests, training, gauge transfer, and radiation safety program reviews.

No violations of NRC requirements were identified as a result of this inspection.