



Materials Inspection Report

<p>1. Licensee/Location Inspected:</p> <p>Otwell Mawby Geotechnical, P.C. 309 E. Front St. Traverse City, MI 49684</p> <p>Report Number(s) 2022001</p>	<p>2. NRC/Regional Office</p> <p>Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352</p>
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3. Docket Number(s) 030-35313	4. License Number(s) 21-32235-01	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 13:18:06 -05'00'</small>
BRANCH CHIEF		Michael A. Kunowski <small>Digitally signed by Michael A. Kunowski Date: 2022.04.14 06:07:03 -05'00'</small>



Materials Inspection Record

1. Licensee Name: Otwell Mawby Geotechnical, P.C.		2. Docket Number(s): 030-35313		3. License Number(s) 21-32235-01	
4. Report Number(s): 2022001			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): Roger Mawby, P.E., Principal		11. Licensee E-mail Address: rmawby@otwellmawby.com		12. Licensee Telephone Number(s): (231) 946-5200	
13. Inspection Type: <input type="checkbox"/> Initial		14. Locations Inspected:		15. Next Inspection Date (MM/DD/YYYY):	
<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Announced		<input checked="" type="checkbox"/> Main Office <input checked="" type="checkbox"/> Field Office		03/22/2027 <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Extended	
<input type="checkbox"/> Non-Routine <input checked="" type="checkbox"/> Unannounced		<input type="checkbox"/> Temporary Job Site <input type="checkbox"/> Remote		<input type="checkbox"/> Reduced <input type="checkbox"/> No change	

16. Scope and Observations:

This was an unannounced routine inspection of a small engineering firm authorized to possess portable nuclear gauges containing cesium-137 and americium-241 sealed sources. The licensee employed three gauge users, and until March 2022, possessed two Instrotek Model 3500 gauges. On March 21, 2022, the licensee transferred one of their gauges to the manufacturer, and on March 23, transferred the other to another licensed local engineering firm. The licensee was in the process of ceasing licensed activities and terminating its license. All gauges had been stored at the licensee's facility on Woodmere Ave. in Traverse City.

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 interviewed the principal with respect to gauge use, leak tests, training of users, and gauge transfer. 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.