

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:

O TWELL Mawby Geotechnical/PC  
309 FRONT STREET  
TRAVERSE CITY, MI 49684

REPORT NUMBER(S) 2016001

2. NRC/REGIONAL OFFICE

Region III  
U. S. Nuclear Regulatory Commission  
2443 Warrenville Road, Suite 210  
Lisle, IL 60532-4352

3. DOCKET NUMBER(S)

030- 35313

4. LICENSE NUMBER(S)

21-3223501

5. DATE(S) OF INSPECTION

4/20/16

**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:

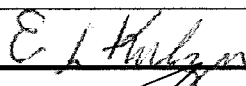

- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, to exercise discretion, were satisfied.

Non-cited violation(s) 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 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	DATE
LICENSEE'S REPRESENTATIVE			
NRC INSPECTOR	E.L. Kulzer		4/20/16
BRANCH CHIEF			4/28/16

**Docket File Information**

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:  Otwell Mawby Geotechnical, P.C. 309 East Front Street Traverse City, Mi 49684  REPORT NUMBER(S) 2016001	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)  030-35313	4. LICENSE NUMBER(S)  21-32235-01	5. DATE(S) OF INSPECTION  4/20/2016
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6. INSPECTION PROCEDURES USED  IP 87124	7. INSPECTION FOCUS AREAS  03.01 through 03.07
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**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)  03121	2. PRIORITY  5	3. LICENSEE CONTACT  Roger Mawby, P.E.	4. TELEPHONE NUMBER  (231) 946-5200
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Main Office Inspection                      Next Inspection Date: 4/20/2021

Field Office Inspection \_\_\_\_\_

Temporary Job Site Inspection Grand Traverse Township, MI

**PROGRAM SCOPE**

This was a routine unannounced inspection of a small engineering firm. The licensee possessed two Troxler Model 3400 moisture density gauges for use during the construction season (May-November) for soils engineering projects. The licensee does not perform any service or maintenance activities on its gauges; these services are performed by the manufacturer. The licensee employed three authorized gauge users who have completed manufacturers training. The licensee stored its gauges in a storage building in the licensee's office in Traverse City, Michigan.

**Performance Observations**

The inspector observed operations at a temporary jobsite in GrandTraverse Township, Michigan. The authorized gauge user interviewed by the inspector possessed required shipping papers that contained all appropriate information and were accessible in the transport vehicle. The licensee locked and chained its gauges to the rear of the vehicle during transport. The authorized gauge user demonstrated an adequate level of understanding of emergency and handling procedures during job-site interviews. Security during transport and at the job-site was described and observed respectively with no problems noted. The inspector reviewed other program areas which included dosimetry, 20.1101 audits, leak tests, inventory checks, and survey instrument availability.

No violations of NRC regulatory requirements were identified during this inspection.