

## SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

## 1. LICENSEE/LOCATION INSPECTED:

TestAmerica Laboratories - St. Louis  
13715 Rider Trail North  
Earth City, MO 63045

REPORT NUMBER(S) 2018001

## 2. NRC/REGIONAL OFFICE

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

## 3. DOCKET NUMBER(S)

030-29601

## 4. LICENSE NUMBER(S)

24-24817-01

## 5. DATE(S) OF INSPECTION

January 26, 2018

## 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:

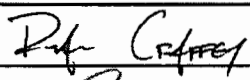
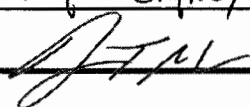
- ☒ 1. Based on the inspection findings, no violations were identified.
- ☐ 2. Previous violation(s) closed.
- ☐ 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was 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	Ryan Craffey		02/13/2018
BRANCH CHIEF	Aaron McCraw		02/13/2018

## Docket File Information

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## 6. INSPECTION PROCEDURES USED

87126

## 7. INSPECTION FOCUS AREAS

All

## SUPPLEMENTAL INSPECTION INFORMATION

## 1. PROGRAM CODE(S)

22110

## 2. PRIORITY

3

## 3. LICENSEE CONTACT

Michael Ridenhower - RSO

## 4. TELEPHONE NUMBER

(314) 787-8206



Main Office Inspection

Next Inspection Date:

01/26/2021



Field Office Inspection



Temporary Job Site Inspection

## PROGRAM SCOPE

This was an unannounced routine inspection of an environmental testing firm authorized to possess byproduct material in environmental samples, standards, instrument calibration sources, and electron capture detectors at its facility in Earth City, Missouri. The licensee employed approximately 75 people at this location, over half of which worked in the various sample processing and/or counting laboratories and were therefore trained in radiation safety and monitored with personnel dosimetry. The RSO was assisted in his oversight of the radiation safety program by a second authorized user.

## PERFORMANCE OBSERVATIONS

The inspector toured the facility in Earth City to evaluate the licensee's measures for materials security, hazard communication, and exposure control. The inspector conducted independent surveys of the facility, and found no evidence of residual contamination, nor any exposures in excess of regulatory limits to unmonitored individuals. The licensee's staff demonstrated the use of standards and calibration sources, as well as the collection of ECD leak tests, and discussed the implementation of licensee procedures for ECD use, area surveys, contamination control, radioactive material accountability, and waste handling including sanitary sewer release and storage of solid waste for transfer to authorized recipients. Through these demonstrations and discussions, the inspector found the licensee's staff to be knowledgeable of radiation protection principles, licensee procedures and regulatory requirements.

The inspector also reviewed a selection of records, including sealed source leak test analyses, radioactive material inventories, monthly area survey results, sanitary sewer effluent calculations, personnel dosimetry reports, radiation worker training materials, and elements of the licensee's annual safety audit which included a review of the content and implementation of the radiation safety program.

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