



June 14, 2023

Mr. Ken Tutt  
Project Representative  
Nutrien Ltd. - SRC  
Post Office Box 300  
White Springs, Florida 32096-0300

RE: 2023 LEAK SURVEY RESULTS

Dear Mr. Tutt;

Enclosed for your files, is a copy of the 2023 Leak Survey performed beginning June 09, 2023 for the Nutrien Ltd. Suwannee River Chemicals facility. Zero [0] leaks were detected during this survey. Zero [0] Grade I leaks, Zero [0] Grade II leaks and Zero [0] Grade III leaks were detected during this survey.

Florida Public Service guidelines require that:

- **Grade I Leaks** - Zero [0] Grade I leaks were detected during this survey. These leaks require prompt action to protect life and property and continuous action until the conditions are no longer hazardous.
- **Grade II Leaks** -Zero [0] Grade II leaks were detected during this survey. **These leaks must be repaired or cleared within one calendar year, but not to exceed fifteen [15] months from the date the leak was reported.** Grade II leaks must be re-evaluated at least once every six [6] months until cleared. The frequency of re-evaluation should be determined by the location and magnitude of the leakage condition since these leaks vary greatly in degree of potential hazard.
- **Grade III Leaks** - Zero [0] Grade III leaks were detected during this survey. These leaks should be repaired or re-evaluated during the next scheduled survey, or within fifteen [15] months of the date reported, whichever occurs first, until the leak is re-graded or no longer results in a reading.

I trust the enclosed report to be satisfactory and in sufficient detail, however, should you need additional information, or require assistance with these repairs, please contact me. A copy of this report is available at [www.cityservices.biz](http://www.cityservices.biz). Click on Clients → Nutrien - White Springs, Florida → Leak Surveys. To obtain your username and password, please call (229) 226-6569.

Sincerely,

W. L. Hays  
CITY SERVICES, INC.



CITYSERVICES, INC  
P.O. Box 3217  
538 Powell Dr.  
Thomasville, GA 31799

Tel ☎ 229-226-6569  
Fax ☎ 229-227-0335  
Email ☎ [cityservicesinc@gmail.com](mailto:cityservicesinc@gmail.com)

# NUTRIEN

## SUWANNEE RIVER CHEMICALS NATURAL GAS LEAK SURVEY

JUNE 2023

JUNE 2023

Nutrien Ltd.  
Suwannee River Chemicals  
Post Office Box 300  
White Springs, Florida 32096-0300  
ATTN: Mr. Ken Tutt  
Project Representative

<b>ANNUAL NATURAL GAS LEAKAGE SURVEY</b>
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A natural gas leakage survey was conducted for Nutrien Ltd., Suwannee River Chemicals, White Springs, Florida during the month of June 2023. An area including the entire gas distribution system, as represented by management, was surveyed for natural gas leaks.

There were no Grade I leaks, Grade II leaks or Grade III leaks detected during this survey. No leaks were detected on the following facilities:

METER – 0    REGULATOR – 0    CUT OFF – 0    MAIN - 0  
SERVICE – 0    SERVICE TAP – 0    VALVE – 0    RISER - 0

Any leak detected would be classified according to the criteria on the following pages.

## **Leak Classifications – Grade I**

### **DEFINITION:**

Grade I leaks represent an existing or probable hazard to persons or property and requires immediate repair or continuous action until the conditions are no longer hazardous.

### **ACTION CRITERIA:**

Grade I leaks require prompt action to protect life and property, and continuous action until the conditions are no longer hazardous. The prompt action in some instances may require one or more of the following:

- Implementation of Company emergency plan (§192.615)
- Evacuating premises
- Blocking off an area
- Rerouting traffic
- Eliminating Sources of ignition
- Venting the area
- Notifying police / fire departments
- Stop the flow of gas

### **EXAMPLES:**

- Any leak, which in the judgment of the operating personnel at the scene, is regarded as an immediate hazard.
- Escaping gas that has ignited.
- Any indication of gas, which has migrated into or under a building, or into a tunnel.
- Any reading at the outside wall of a building, or where gas would likely migrate to an outside wall of a building.
- Any reading of 80% LEL, or greater, in a confined space.
- Any reading of 80% LEL, or greater in small substructures (other than gas associated substructures) from which gas would likely migrate to the outside wall of a building.
- Any leak that can be seen, heard or felt, and which is in a location that may endanger the general public or property.

## Leak Classifications – Grade II

### **DEFINITION:**

Grade II leaks are recognized as being non-hazardous at the time of detection, but justify scheduled repair based on probable future hazard.

### **ACTION CRITERIA:**

Grade II leaks should be repaired or cleared within one calendar year, but no later than fifteen [15] months from the date the leak was reported. In determining the repair priority, criteria such as the following should be considered:

- Amount of migration of gas.
- Proximity of gas to buildings and subsurface structures.
- Extent of pavement.
- Soil type and soil conditions (such as frost cap, moisture and natural venting).

Grade II leaks should be re-evaluated at least once every six months until cleared. The frequency of re-evaluation should be determined by the location and magnitude of the leakage condition.

Grade II leaks may vary greatly in degree of potential hazard. Some Grade II leaks, when evaluated by the above criteria, may justify scheduled repair within the next five [5] working days, while others will justify repair within thirty [30] days. During the working day on which the leak is discovered, these situations should be brought to the attention of the individual responsible for scheduling leak repair.

On the other hand, many Grade II leaks, because of their location and magnitude, can be scheduled for repair on a normal routine basis with periodic re-inspection as necessary.

## Leak Classifications – Grade II - Continued

### **EXAMPLES:**

Grade II leaks requiring action ahead of ground freezing or other adverse changes in venting or soil conditions include, but are not limited to, any leak which would likely migrate to the outside wall of a building.

Leaks requiring re-evaluation within six [6] months are:

- Any reading of 40% LEL, or greater under a sidewalk in a wall to wall paved area that has significant gas migration and does not qualify as a Grade I leak.
- Any reading of 100% LEL, or greater, under a street in a wall to wall paved area that has significant gas migration and does not qualify as a Grade I leak.
- Any reading less than 80% LEL in small substructures (other than gas associated substructures) from which gas would likely migrate creating a probable future hazard.
- Any reading between 20% LEL and 80% LEL in a confined space.
- Any reading on a pipeline operating at 30% SMYS, or greater, in a class three or four location, which does not qualify as a Grade I leak.
- Any reading of 80% LEL, or greater, in gas associated substructures.
- Any leak which, in the judgment of operating personnel at the time, is of sufficient magnitude to justify scheduled repair.

## Leak Classifications – Grade III

### **DEFINITION:**

Grade III leaks are non-hazardous at the time of detection and can be reasonably expected to remain non-hazardous.

### **ACTION CRITERIA:**

Grade III leaks should be re-evaluated during the next scheduled survey, or within fifteen [15] months of the date reported, whichever occurs first, until the leak is re-graded or no longer results in a reading.

### **EXAMPLES:**

Leaks requiring re-evaluation at periodic intervals:

- Any reading of less than 80% LEL in small gas associated substructures.
- Any reading under a street in areas without wall to wall paving where it is unlikely the gas could migrate to the outside wall of a building.
- Any reading of less than 20% LEL in a confined area.



# LEAK SURVEY FINAL REPORT

Purchase Order Number: 2116086950

Customer: Nutrien

Location: White Springs, Florida – Suwannee River Chemicals

Date Survey Started: June 9, 2023

Date Survey Completed: June 9, 2023

Total Number of Survey Days: 1

Total Number of Survey Hours: 8

Type of Gas:  Natural  Other \_\_\_\_\_

Type of Survey: Walking Electronic Detection

Miles of Mains Inspected: .5

Services Inspected: 2 Risers: 0

Service Materials: Polyethylene - 0 Bare Steel - 0

Coated Steel - 2 X-Strude Steel - 0 Total - 2

Atmospheric Corrosion: Minimal - 1 Mild - 0

Moderate - 1 Heavy - 1 Total - 2

Number and Grade of Surface Leaks Located: (1) 0 (2) 0 (3) 0 Total 0

Number and Grade of Sub-surface Leaks Located: (1) 0 (2) 0 (3) 0 Total 0

Survey Areas:  Commercial  Residential  School  Public Buildings  Transmission

Survey Types:  Electronic  Soap Test  Probe Bar  Other

Systems Checked:  Transmission  Mains  Services  Meter Sets

System Types:  Cast Iron  Steel  Plastic  Copper  Other

Soil Types:  Clay  Loam  Sand  Rock

Soil Conditions:  Wet  Dry  Normal

Weather Conditions:  Rain  Wind  Ice  Normal

Customer Provided:  Transportation  Guide  Maps  No other provisions provided

City Services Provided:  Transportation Equipment: Bascom-Turner Gas Rover

### Additional Comments:

Location and identification information on Commercial addresses are written as represented by Suwannee River

Chemicals guide Eric Littleton.

Technician Tommy Livings







Certificate of Training

U.S. Department of Labor  
Mine Safety and Health Administration



Approved OMB Number 1219-0009, Expires May 31, 2024.

This certificate is required under Public Law 91-173 as amended by Public Law 95-164. Failure to comply may result in penalties and other sanctions as provided by sections 108 and 110, Public Law 91-173 as amended by Public Law 95-164.

Issue Certificate Immediately Upon Completion of Training

Serial Number (for operator's use)

X CITY SERVICES INC

1. Print Full Name of Person Trained (first, middle, last)

Bennett Allen S. HENRY

2. Check Type of Approved Training Received:

- Annual Refresher  
 New Task (specify below)  
 Experienced Miner  
 New Miner  
 Hazard Training  
 Other (specify)

Date	Task	Initials		Date	Task	Initials	
		Instr.	Studt.			Instr.	Studt.

3. Check Type of Operation and Related Industry:

- A.  Surface  Construction  Underground  Shaft & Slope  
 B.  Coal  Metal  Nonmetal

4. Date Training Requirements Completed

6/1/2023

Check if not completed and go to item 5, below.

If completed, go to item 6, below.

5. Check Subjects Completed (use only for partially completed training):

- Introduction to Work Environment  
 Hazard Recognition  
 Emergency Medical Procedures  
 H&S Aspects of Tasks Assigned  
 Statutory Rights of Miners  
 Self-Rescue & Respiratory Devices  
 Transport & Communication Systems  
 Roof/Ground Control & Ventilation  
 Mine Map, Escapeways, Emergency Evacuation, Barricading  
 Cleanup; Rock Dusting  
 Mandatory Health & Safety Standards  
 Authority & Responsibility of Supervisors & Miners Representatives  
 Health  
 Electrical Hazards  
 First Aid  
 Mine Gases  
 Explosives  
 Prevention of Accidents  
 Other (specify)

6. False certification is punishable under section 110 (a) and (f) of the Federal Mine Safety & Health Act (P. L. 91-173 as amended by P. L. 95-164).

I certify that the above training has been completed (signature of person responsible for training)

*[Signature]*

7. Mine Name, ID, & Location of Training (if institution, give name & address)

SCM 08-00798

8. Date

6/1/2023

I verify that I have completed the above training (signature of person trained)

X BH 5/2

Certificate of Training

U.S. Department of Labor  
Mine Safety and Health Administration



Approved OMB Number 1219-0009, Expires May 31, 2024.  
This certificate is required under Public Law 91-173 as amended by Public Law 95-164. Failure to comply may result in penalties and other sanctions as provided by sections 108 and 110, Public Law 91-173 as amended by Public Law 95-164.

➔ Issue Certificate Immediately Upon Completion of Training

Serial Number (for operator's use)

*AC by Services, Inc*

1. Print Full Name of Person Trained (first, middle, last)

*M. J. ...*

2. Check Type of Approved Training Received:

- Annual Refresher
- Experienced Miner
- Hazard Training
- New Task (specify below)
- New Miner
- Other (specify)

Date	Task	Initials		Date	Task	Initials	
		Instr	Stud			Instr	Stud

3. Check Type of Operation and Related Industry:

- A  Surface  Construction  Underground  Shaft & Slope
- B  Coal  Metal  Nonmetal

4. Date Training Requirements Completed

*6/1/2023*

Check if not completed and go to item 5, below.

➔ If completed, go to item 6, below.

5. Check Subjects Completed (use only for partially completed training):

- Introduction to Work Environment
- Hazard Recognition
- Emergency Medical Procedures
- H&S Aspects of Tasks Assigned
- Statutory Rights of Miners
- Self-Rescue & Respiratory Devices
- Transport & Communication Systems
- Roof/Ground Control & Ventilation
- Mine Map, Escapeways, Emergency Evacuation, Barricading
- Cleanup, Rock Dusting
- Mandatory Health & Safety Standards
- Authority & Responsibility of Supervisors & Miners' Representatives
- Health
- Electrical Hazards
- First Aid
- Mine Gases
- Explosives
- Prevention of Accidents
- Other (specify)

6. False certification is punishable under section 110 (a) and (f) of the Federal Mine Safety & Health Act (P. L. 91-173 as amended by P. L. 95-164).

I certify that the above training has been completed (signature of person responsible for training)

*[Signature]*

7. Mine Name, ID, & Location of Training (if institution, give name & address)

*SCM 08-00718*

8. Date

*6/1/2023*

I verify that I have completed the above training (signature of person trained)

*X [Signature]*

# NUTRIEN – WHITE SPRINGS HAZARD TRAINING FOR CONTRACT WORKERS

Bl. White  
Name of Contractor

White Springs  
Work Location

6/1/23  
Date

Initial  Follow-Up  MSHA Hazard Training **MSHA Comprehensive Training Expiration Date:** 6/9/24

**CHECK BOXES AS INDICATED: X – Completed    ✓ - Follow-up Necessary    N/A – Not Applicable**

**A. REVIEW WORK RULES**

- 1. Daily Pre-job meeting with all stake holders to discuss the scope of the day's work.
- 2. Safe Work Permit.
- 3. Area-specific Information.

**B. PERSONAL PROTECTIVE EQUIPMENT**

- Issue, Purpose, Use of Storage & Care:
- 1. Work Clothes
  - 2. Eye and Face Protection
  - 3. Hard Hat
  - 4. Gloves
  - 5. Foot Protection
  - 6. Respirators
  - 7. Hearing Protection
  - 8. Acid Suits
  - 9. Fall Protection

**C. HAZARD COMMUNICATION**

- 1. SDS Location
- 2. Written Program (CEMP) Location
- 3. Potentially Hazardous Chemicals Discussed:
  - a. Sulfuric Acid
  - b. Ammonia
  - c. Mineral Spirits
  - d. Reagents
  - e. Hydrogen Sulfide
  - f. Sulfate Gases
  - g. Phosphoric Acid
  - h. Pond Water
  - i. Quick Lime
- 4. Action in Case of Exposure

**D. EMERGENCY EQUIPMENT**

- 1. Safety Shower/Eye Wash Stations
- 2. On-site Medical Clinics (SCC/SRC)
- 3. Fire Equipment
- 4. Emergency/Fire Warning Signal

**E. EMERGENCY/INJURY/INCIDENT REPORTING**

- 1. Emergency Number (8444/386-397-8444 on cell)
- 2. Accident/Incident Injury Reporting Procedure

**F. EMERGENCY PROCEDURES**

- 1. Fire
- 2. Spill
- 3. Area Evacuation

**G. JOB ASSIGNMENTS**

- 1. Housekeeping
- 2. Lifting Technique
- 3. Using Ladders
- 4. Pinch Points
- 5. Hand Tools - GFCL
- 6. Slippery Surfaces
- 7. Hand Signals/Work Signals

**H. PERSONAL HYGIENE**

- 1. Changing Clothing and Bathing Daily

**I. MOTOR VEHICULAR EQUIPMENT**

- 1. Plant vehicle/traffic rules
- 2. Forklifts, Man-lifts, Material Handlers
- 3. Pre/Post Use Equipment Inspections
- 4. Loading, Placarding & Tie Down
- 5. Tagging Out Unsafe Equipment
- 6. Reporting Accidents
- 7. Functional Back-up Alarm
- 8. 360 Walk Around
- 9. Heavy Equipment 100' Rule
- 10. Gyp Stack Hazards (steep grade, road conditions etc.)
- 11. Large vehicles must use low gear descending Gyp stack
- 12. Speed limit of 10 mph on unbermed, elevated roads

**J. ENVIRONMENTAL**

- 1. Drum Storage/Labels/Disposal
- 2. Immediately Report Incidents to Environmental Dept.

**K. OTHER ITEMS DISCUSSED**

- 1. Finger Rigg Policy
- 2. Handling Compressed Air
- 3. Unauthorized Operation of Equipment
- 4. Reporting Unsafe Conditions
- 5. Horseplay
- 6. Safety Signs
- 7. Handling / Storage Flammable Liquids
  - a. LP / Natural Gas
  - b. Gasoline / Diesel
  - c. Aerosol Cans
  - d. Paint / Thinners
- 8. Water Hazards
- 9. Mine Power Cable
- 10. Cell Phones
- 11. Cameras/Pictures
- 12. Safety Sampling
- 13. Key Procedure Audits
- 14. Life Critical Safety Procedure Audits
- 15. Safe Feed Safe Food
- 16. Process Safety Management (PSM)
- 17. Questions at any time - Contact Supervisor
- 18. \_\_\_\_\_

[Signature]  
Nutrien Representative

[Signature]  
Date

[Signature]  
Contractor's Signature



# CITY SERVICES, INC.

## 2023 Drug Test Statistical Summary

City Services, Inc.  
 Post Office Box 3217  
 Thomasville, Georgia 31799

Contact Person: Jerry Allen  
 Title: Office Manager  
 Telephone: (229) 226-6569

**Total Number of Employees in Organization:** 5

**Number of Employees in Test Pool:**

<b>Full Time:</b>	5
<b>Temporary:</b>	0
<b>Part Time:</b>	0
<b>Others:</b>	0

Summarized is the number of test, number of employees tested, and positive results for each category listed.

<u>Type of Test</u>	<u>Draws</u>	<u>Tested</u>	<u>Positive Results</u>	<u>Positive For:</u>
<b>Pre-Employment:</b>	0	1	0	N/A
<b>Random:</b>	4	3	0	N/A
<b>Reasonable Cause:</b>	0	0	0	N/A
<b>Post-Accident</b>	0	0	0	N/A
<b>Post-Rehab</b>	0	0	0	N/A

DOT drug tests are conducted only using urine specimens. The urine specimens are analyzed for the following drugs/metabolites:

- Marijuana metabolites/THC
- Cocaine metabolites
- Amphetamines
- Phencyclidine (PCP)
- Opioid Metabolites (i.e., codeine, 6-AM (heroin), morphine)
- Also, four Semi-Synthetic Opioids (i.e., oxycodone, oxymorphone, hydrocodone, hydromorphone)

**Indicate positive results by number as follows:**

Marijuana-1, Cocaine-2, Amphetamines-3, Phencyclidine-4, Opioid Metabolites-5, Semi-Synthetic Opioids - 6

**Indicate test by number as follows:**

Random-1, Post Accident-2, Reasonable Cause-3, Post-Rehab-4, Pre-employment-5

<u>Age</u>	<u>Sex</u>	<u>Test</u>	<u>Substance Found</u>
—	—	—	—
—	—	—	—
—	—	—	—

Report Prepared By: Jerry Allen  
 Period Covered: 1/1/2023 – 12/31/2023

Date Submitted: June 14, 2023  
 Distributed To: Nutrien Ltd



# Last Calibration Data by Unit

Tuesday, May 23, 2023

8:16:45 AM

Page 1 of 1

[Exit Report](#)

Unit ID: 2

Serial Number: 1324-402780

Date Calibrated: 5/23/2023

User:

Time Calibrated (HH:MM): 07:40:00

Model Number: VGI-211

Block Check OK(Y/N): Y

Sensor	Calibration Gas	Before Calibration	After Calibration	Sensitivity	OK (Y/N)
LEL	50% LEL	50	50	1950	Y
CO	100 PPM				
GAS	Air / Cal Gas	100	100	922	Y
GAS	System Gas	100	100	3972	Y
OXYGEN	Air				
H2S	H2S				
PPM GAS	50% LEL			1649	Y