



July 1, 2022

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

RE: 2022 LEAK SURVEY RESULTS

Dear Mr. Tutt;

Enclosed for your files, is a copy of the 2022 Leak Survey performed beginning June 30, 2022 for the Nutrien Ltd. Swift Creek Mining 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.

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. 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.

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

## SWIFT CREEK MINING

### NATURAL GAS LEAKAGE SURVEY

#### JUNE 2022

June 2022

Nutrien Ltd.  
Swift Creek Mining  
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., Swift Creek Mining, White Springs, Florida during the month of June 2022. 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    FITTING - 0

SERVICE – 0    SERVICE TAP – 0    VALVE – 0    MAIN - 0

Any leaks detected would have been 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 Nutrien, Ltd. 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:** 2116076830

**Customer:** Nutrien

**Location:** White Springs, Florida - Swift Creek Mining

**Date Survey Started:** June 30, 2022

**Date Survey Completed:** June 30, 2022

**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:** 3 **Risers:** 1

**Service Materials:** Polyethylene - 0 Bare Steel - 3

Coated Steel - 0 X-Strude Steel - 0 Total - 3

**Atmospheric Corrosion:** Minimal - 1 Mild - 1

Moderate - 0 Heavy - 1 Total - 3

**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 Swift Creek Mining

guide Eric Littleton.

Technician

*Tony Livings*







City Services, Inc. (CSI)  
User Task Status Report

Run by: Bobby Boyd  
Run on: 7/3/2020

**CBT** - Computer Based Training, written tests **PE** -Performance(field) Evaluations

**Living, Tony**

**TASK NAME**

**0001 - Measure Structure-To-Electrolyte Potential  
Qualification Type**

**ENERGY worldnet, Inc. - Written**  
Evaluations  
EWN-CBT-AOC Failure to Follow  
Procedures - 2207  
EWN-CBT-AOC Insufficient  
Cathodic Protection - 2212  
EWN-CBT-Corrosion Control  
Fundamentals (5.3, 9.2, 1021,  
0031, 0091) - 2355

**ENERGY worldnet, Inc. - Written**  
Evaluations  
EWN-PE-Perform AC Structure-  
to-Electrolyte Potential  
Readings at Test Points - 2374  
EWN-PE-Measure Structure-to-  
Soil Potentials (1.1, 0021,  
0001) - 2649

**0021 - Measure Soil Resistivity  
Qualification Type**

**ENERGY worldnet, Inc. - Written**  
Evaluations  
EWN-CBT-AOC Failure to Follow  
Procedures - 2207  
EWN-CBT-AOC Insufficient  
Cathodic Protection - 2212  
EWN-PE-Take Pipe-to-Soil  
Readings - 2333  
EWN-CBT-Corrosion Control  
Fundamentals (5.3, 9.2, 1021,  
0031, 0091) - 2355

**STATUS**

Qualified

**Verified**

**Expiration Date**

**Evaluation Date**

**Expiration Date**

**Evaluation Date**

**Expiration Date**

**Evaluation Date**

**Expiration Date**

EV

7/20/2023

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Qualified

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Qualification Type	Evaluation Date	Expiration Date	Qualified Verified
0061 - Inspect or Test Cathodic Protection Bonds Evaluations EWN-CBT-AOC Failure to Follow Procedures - 2207 EWN-CBT-AOC Insufficient	7/20/2020	7/20/2023	EV
ENERGY worldnet, Inc. - Written Cathodic Protection - 2212 EWN-CBT-Corrosion Control Fundamentals (5.3, 9.2, 1021, 0031, 0091) - 2355 EWN-PE-Inspect and Perform Electrical Test of Bonds and Isolation Devices (1.4, 0061) - 2652	7/21/2020	7/21/2023	EV
ENERGY worldnet, Inc. - Written Performance	7/21/2020	7/21/2023	EV
0071 - Inspect or Test Cathodic Protection Electrical Isolation Devices Evaluations EWN-CBT-AOC Failure to Follow Procedures - 2207 EWN-CBT-AOC Insufficient	7/20/2020	7/20/2023	EV
ENERGY worldnet, Inc. - Written Cathodic Protection - 2212 EWN-CBT-Corrosion Control Fundamentals (5.3, 9.2, 1021, 0031, 0091) - 2355 EWN-PE-Inspect and test isolation devices (1.5, 0071, 0081) - 2653	7/21/2020	7/21/2023	EV
ENERGY worldnet, Inc. - Written Performance	7/21/2020	7/21/2023	EV
0171 - Measure External Corrosion Evaluations EWN-CBT-AOC Failure to Follow Procedures - 2207 EWN-CBT-AOC Insufficient	7/22/2020	7/22/2023	EV
ENERGY worldnet, Inc. - Written Cathodic Protection - 2212 EWN-CBT-Corrosion Control Fundamentals (5.3, 9.2, 1021, 0031, 0091) - 2355	7/20/2020	7/20/2023	EV
ENERGY worldnet, Inc. - Written Performance	7/21/2020	7/21/2023	EV
ENERGY worldnet, Inc. - Written Performance	7/21/2020	7/21/2023	EV

0191 - Measure Atmospheric Corrosion Qualification Type	Evaluations	Evaluation Date	Expiration Date	Qualified Verified
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	7/20/2020	7/20/2023	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Insufficient Cathodic Protection - 2212	7/21/2020	7/21/2023	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-Corrosion Control Fundamentals (5.3, 9.2, 1021, 0031, 0091) - 2355	7/21/2020	7/21/2023	EV
ENERGY worldnet, Inc. - Performance	EWN-PE-Measure Corroded Area (8.3, 0191) - 2582	7/20/2020	7/20/2023	EV
1211 - Odorization - Periodic Sampling Qualification Type	Evaluations	Evaluation Date <td>Expiration Date</td> <td>Qualified Verified</td>	Expiration Date	Qualified Verified
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	7/20/2020	7/20/2023	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Report of Gas Odor/Liquid Release - 2216	7/20/2020	7/20/2023	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Under Odorization - 2218	7/20/2020	7/20/2023	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-Odorization (57, 58, 1221) - 2295	7/20/2020	7/20/2023	EV
ENERGY worldnet, Inc. - Performance	EWN-PE-Odorizer (57, 1221) - 2296	7/20/2020	7/20/2023	EV
ENERGY worldnet, Inc. - Performance	EWN-PE-Perform Odorometer Tests (58) - 2422	7/21/2020	7/21/2023	EV

1241 - Outside Gas Leak Investigation	Evaluations	Evaluation Date	Expiration Date	Qualified
Qualification Type				Verified
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	7/20/2020	7/20/2023	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Flammable Gas Atmosphere - 2209	7/20/2020	7/20/2023	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Report of Gas Odor/Liquid Release - 2216	7/20/2020	7/20/2023	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-Leak Survey and Patrols (52.1, 52.2, 1241, 1261)	7/20/2020	7/20/2023	EV
ENERGY worldnet, Inc. - Written	EWN-PE-Leak Survey (1241, 1261) - 2283	7/20/2020	7/20/2023	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-Reporting Field Gas Leaks - 2325	7/20/2020	7/20/2023	EV
ENERGY worldnet, Inc. - Written	EWN-PE-Perform/Observe Leak Survey/Patrol - 2455	7/20/2020	7/20/2023	EV
1261 - Walking Gas Leakage Survey				
Qualification Type	Evaluations	Evaluation Date	Expiration Date	Qualified
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Failure to Follow Procedures - 2207	7/20/2020	7/20/2023	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-AOC Flammable Gas Atmosphere - 2209	7/20/2020	7/20/2023	EV
ENERGY worldnet, Inc. - Written	EWN-CBT-Leak Survey and Patrols (52.1, 52.2, 1241, 1261)	7/20/2020	7/20/2023	EV
ENERGY worldnet, Inc. - Written	EWN-PE-Leak Survey (1241, 1261) - 2283	7/20/2020	7/20/2023	EV

# CITY SERVICES, INC.

## 2021 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

<b>Total Number of Employees in Organization:</b>	6
<b>Number of Employees in Test Pool:</b>	<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	0	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: 1/1/2021 – 12/31/2021

Date Submitted: 7/1/2022  
 Distributed To: Nutrien, Ltd. – Swift Creek Mining



# Last Calibration Data by Unit

Monday, June 27, 2022

9:22:22 AM

Page 1 of 1

Exit Report

Unit ID: 1  
 Serial Number: 1524-403568  
 User:  
 Model Number: VGI-201

Date Calibrated: 6/27/2022  
 Time Calibrated (HH:MM): 09:06:00

Block Check OK(Y/N): Y

Sensor	Calibration Gas	Before Calibration	After Calibration	Sensitivity	OK (Y/N)
LEL	50% LEL	50	50	1975	Y
CO	100 PPM				
GAS	Air / Cal Gas	100	100	825	Y
GAS	System Gas	100	100	3574	Y
OXYGEN	Air				
H2S	H2S				
PPM GAS	50% LEL			1687	Y