Pipeline Safety Division Investigation Report

Investigation regarding: Vectren

UPPAC Database Record ID: 4025

Report Date: 5/24/2013

Investigator: Mike Orr

Damage Date: 10/12/2012 12:37:33 PM

Damage Address: 2906 Buick Cadillac Blvd, Bloomington, Monroe

The Parties

Excavator: Fields Environmental Incorporated

Address: 1309 West Vernal Pike, Bloomington, In 47404

Facility Owner: Vectren

Pipeline Facility

Facility Type: Natural Gas

Facility Function: Distribution

Type of Equipment: Drilling

Type of Work Performed: Engineering

Damage Impact

Product Release: Yes

Ignition: No

Service Interruption: False

Number of Customers Affected: 0

Injuries: 0

Fatalities: 0

Repair Cost (if known): $5744

Excavator Activities/Cause of Damage Information:

Excavator Request Locates: Yes

Indiana 811 Ticket Number: 1210040415

Original Start Date:

Locate Instructions: LOCATE 100 FEET IN ALL DIRECTIONS OF THE MAIN AUTO DEALERSHIP BUILDING-IT IS THE BIGGEST BUILDING ON THE PROPERTY

Follow-Up Locate Instructions (if applicable):

Synopsis: A two (2) inch steel natural gas main was damaged during soil boring to install test wells.

Findings: Reported by Indiana 811; excavator’s response to initial notice was received on 12/28/2012. The excavator had a valid locate request however, the operator failed to provide accurate locate markings.

Conclusion: There was a failure to provide accurate locate markings.

Violation: IC 8-1-26-18(f) Operator failed to locate or provided incorrect locate markings.
Submitted to IURC-Pipeline Safety on: 12-14-2012

Who is submitting this information?

Name of person providing this information: Darlene Kulhanek

Business address (number and street): 1 Main Street

City, State, and ZIP code: Evansville, IN 47711

Telephone number (area code): 812-491-4227

Fax number (area code): 812-491-4504

E-mail address: dkulhanek@vectren.com

Excavator Information, if known

Full name: Fields Environmental Inc. (Major Drilling Environmental)

Business address (number and street): 1309 W Vernal Pike

City, State, and ZIP code: Bloomington, IN 47404

Telephone number (area code): 812-333-5333

Fax number (area code): 812-333-5334

E-mail address: Unknown

Excavation or Demolition Information

Excavator type: Contractor

Excavation or demolition equipment: Drilling

Type of work performed: Data Not Collected
Date and Location of Damage

Date of damage (month, day, year): 10-12-2012

County: Monroe
City: Bloomington

Street address (number and street, city, state, and ZIP code): 2905 Buick Cadillac blvd, Bloomington

Nearest intersection: Unknown

Right of way where damage occurred: Private - Business

Was there a release of product? Yes

If yes, was there an ignition of product? No

Were evacuations necessary as a result of release? No

If yes, how many evacuated? 0

Was there a customer service interruption? No

If yes, how many affected? 0

Time to restore service (in hours): 0

Enter number of injuries, if applicable and known: 0

Enter number of fatalities, if applicable and known: 0

Property damage, Estimate $5,743.51

Affected Facility Information

What type of pipeline was damaged? Natural Gas

What was the affected facility? Distribution

What was the depth of the facility, in inches? 36

Notification, Locating, Marking

Did excavator request locates prior to commencing work? Yes

Enter Indiana 811 ticket number, if known: 1210040415
Was the locate request completed within two working days? Yes

If locates were performed, were they done so by a contractor or pipeline employee? Contract Locator

If a contractor locator, enter the company name, if known: USIC

Were facility marks visible in the area of excavation? No

Were facilities marked correctly? No

Type of markings used: Other

If other, please specify: Incomplete

Was site marked by “White Lining”? No

Were special instructions part of the locate request? Unknown/Other

Were maps used to complete the locate request? Unknown/Other

Were pipeline company representatives on site during excavation? No

Did the excavator notify the operator in the event of this damage? Yes

Did the excavator notify Indiana 811 in the event of this damage? Yes

Did the excavator notify 911 in the event of a release of product? Unknown/Other

**Description of Cause**

Select from the list the most accurate cause for the damage: Facility marking or location not sufficient

**Additional Comments**

2" steel main damaged by drilling. Incomplete Locate.
USIC INC
9045 N RIVER ROAD, SUITE 300
INDIANAPOLIS, IN 46240

Type: GAS
Invoice: FDS0017101
BillToId: 32665
Billing Date: 11/30/2012
Date of Loss: 10/12/2012
5924 103.0509

Please return this portion with your remittance.

---

USIC INC
9045 N RIVER ROAD, SUITE 300
INDIANAPOLIS, IN 46240

Type: GAS
Invoice: FDS0017101
BillToId: 32665
Billing Date: 11/30/2012
Date of Loss: 10/12/2012

---

Invoice For Costs to Repair and Reconstruct Damaged Property

Address: 2905 BUICK CADILLAC BLVD, BLOOMINGTON
2" STEEL MAIN DAMAGED BY DRILLING. INCOMPLETE.

Material: $642.44
Company Labor: $535.55
Contract Labor: $3,800.11
Transportation/Equipment: $96.25
Misc: $0.00
Gas Loss: $669.16
Adjustments: $0.00
Payments: $0.00

Total: $5,743.51
5924 103.0509

Remember, call two (2) working days before digging. Contact I.U.P.P.S. at 1-800-362-5544.
**Facilities Damage Report**

**Gas**

**Damage Site:** 2905 Brill Catholic Blvd

**Date of Damage:** 10/11/2012

**Cost Center:** 38124

**Time Occurred:** 12:32 am (am/pm)

**Time Found:** 12:48 am (am/pm)

**Latitude:** 39.15806

**Facilities Damaged:**
- ORIFICE SIZE(S): 0.50 inch, 5/8 inch, 0.75 inch, 1.00 inch, 1.25 inch, 2.00 inch, 3.00 inch, 4.00 inch, 5.00 inch, 6.00 inch, 10.00 inch, 12.00 inch, 16.00 inch, 20.00 inch, Other

**Type of Material:**
- Cast Iron
- Plastic (HDPE)
- Plastic (MDPE)
- Steel
- Other

**Damage Type:**
- Severed
- Not Cut
- Other: Observation

**Pressure:**
- 25 PSIG
- 40 PSIG
- 50 PSIG
- 55 PSIG
- 60 PSIG
- 7 WC (2163)
- 7 WC (252)
- Other

**Protection in Place:**
- Building
- Fence
- None
- Pest
- Rail
- Vault
- N/A
- Other

**Leak Report Number:** 20754

**Duration of Escaping Gas:**
- Minutes: 210
- EFV Activated: Yes
- No
- N/S

**Number of Customers Affected:**
- Total Hours Service Was Off: 0

**Facilities Improperly Located:**
- Qualified Locator Could Not Have Accurately Located
- Inaccurate Maps / Cards
- Broken or No Trace Wire (Plastic)
- Insulation Preventing Accurate Locate

**Facilities Improperly Located:**
- Facility Marks Visible
- Area White Lined
- Positive Response
- Tolerance Zone Violated
- Part of Project
- Company Representative On-Site
- Other

**Observation by (ID):** M. Swafford

**Name of Locator:**
- Contract Locator
- Unknown / Other
- Utility Owner

**Notifications and Other Details of Locate:**
- Locate Ticket: 12100406415
- Date: 10/4/2012
- Time: AM

**Type of Request:**
- Regular Request
- Emergency Request

**Contact Name:**
- Time Called:
- Time Locator Arrived at the Site:

**Company Notified of Locate Near Critical Facilities:**
- Yes
- No
- N/S

**Copy of Mark Out Requirement Provided Within 2 Working Days:**
- Yes
- No
- N/S

**One Call Center:**
- Unknown

CONTINUE ON BACK – INCLUDE ANY OBSERVATIONS / DIAGRAMS
<table>
<thead>
<tr>
<th>TYPE OF EQUIPMENT</th>
<th>ROOT DAMAGING CAUSE</th>
<th>CONTRACTOR REPAIRS</th>
<th>MATERIALS OR ROAD WORK</th>
<th>RIGHT OF WAY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auger</td>
<td>☐ Abandoned Facility</td>
<td>☐ Contractor Working for Vectren Made Repairs at Own Expense</td>
<td>☐ Meter was replaced</td>
<td>☐ Dedicated Utility Easement</td>
</tr>
<tr>
<td>Backhoe / Track hoe</td>
<td>☐ Deteriorated Facility</td>
<td>☐ Contractor Repaired Damage</td>
<td>☐ Regulator Was Replaced</td>
<td>☐ Federal Utility Easement</td>
</tr>
<tr>
<td>Boring</td>
<td>☐ Facility Could Not be Found / Located</td>
<td>☐ Yes ☐ N/S</td>
<td>☐ Power / Transmission Line</td>
<td>☐ Private - Business</td>
</tr>
<tr>
<td>Drilling</td>
<td>☐ Facility Was Not Located / Marked</td>
<td>☐ No ☐ N/S</td>
<td>☐ Private - Easement</td>
<td>☐ Private - Land Owner</td>
</tr>
<tr>
<td>Explosives</td>
<td>☐ Failure to Maintain Clearance</td>
<td>☐ No ☐ N/S</td>
<td>☐ Private - Interstate Highway</td>
<td>☐ Public - County Road</td>
</tr>
<tr>
<td>Farm Equipment</td>
<td>☐ Failure to Support Exposed Facility</td>
<td>☐ No ☐ N/S</td>
<td>☐ Public - State Highway</td>
<td>☐ Public - Other</td>
</tr>
<tr>
<td>Grader / Scraper</td>
<td>☐ Failure to Use Hand Tools Where Required</td>
<td>☐ Yes ☐ N/S</td>
<td>☐ Public - City Street</td>
<td>☐ Unknown</td>
</tr>
<tr>
<td>Hand Tools</td>
<td>☐ Improper Backfilling</td>
<td>☐ No ☐ N/S</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Milling Equipment</td>
<td>☐ Incorrect Records / Maps</td>
<td>☐ No ☐ N/S</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plow</td>
<td>☐ Marking or Location Not Sufficient</td>
<td>☐ No ☐ N/S</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Probing Device</td>
<td>☐ No Notification Made to One-Call</td>
<td>☐ Yes ☐ N/S</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trencher</td>
<td>☐ One-Call Notification Error</td>
<td>☐ No ☐ N/S</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vehicle</td>
<td>☐ Previous Damage</td>
<td>☐ No ☐ N/S</td>
<td></td>
<td></td>
</tr>
<tr>
<td>☐ Other</td>
<td>☐ Wrong Information Provided</td>
<td>☐ Yes ☐ N/S</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**INVOICE:**

<table>
<thead>
<tr>
<th>Did Excavator Notify You</th>
<th>☐ Yes ☐ No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Excavation Required</td>
<td>☐ Yes ☐ No</td>
</tr>
<tr>
<td>Media at Site</td>
<td>☐ Yes ☐ No</td>
</tr>
<tr>
<td>Was There Ignition of Gas?</td>
<td>☐ Yes ☐ No</td>
</tr>
</tbody>
</table>

| ☐ Yes ☐ No ☐ N/S |

**PARTY TO INVOICE:**

<table>
<thead>
<tr>
<th>Name: Banda Powins</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address:</td>
</tr>
<tr>
<td>City/State/Zip:</td>
</tr>
<tr>
<td>Phone:</td>
</tr>
</tbody>
</table>

**Prepared / Investigated By:**

<table>
<thead>
<tr>
<th>Name: M. Randle</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date: 10-12-2012</td>
</tr>
</tbody>
</table>

**Reviewed by Field Supervisor:**

<table>
<thead>
<tr>
<th>Name:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date: 10/24/12</td>
</tr>
</tbody>
</table>

**Name:**

| Address: |
| City/State/Zip: |
| Phone: |

**M. Randle:**

| Date: 10-12-2012 |

**Reviewed by Field Supervisor:**

<table>
<thead>
<tr>
<th>Name:</th>
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<tr>
<td>Date:</td>
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</tbody>
</table>

**Name:**

| Address: |
| City/State/Zip: |
| Phone: |

**M. Randle:**

| Date: 10-12-2012 |

**Reviewed by Field Supervisor:**

<table>
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<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>Date:</td>
</tr>
</tbody>
</table>

**Name:**

| Address: |
| City/State/Zip: |
| Phone: |
Ticket Text and Map display for Ticket: # 1210040415

NORMAL NOTICE

Ticket: 1210040415 Date: 10/04/2012 Time: 08:53 Oper: CALEVI Chan:031

State: IN Cnty: MONROE Twp: PERRY
Cityname: BLOOMINGTON Inside: Y Near: N
Subdivision:

Address : 2906
Street : BUICK CADILLAC BLVD
Cross 1 : S AUTO MALL RD Within 1/4 mile: Y
Location: LOCATE 100 FEET IN ALL DIRECTIONS OF THE MAIN AUTO DEALERSHIP BUILDING-IT IS THE BIGGEST BUILDING ON THE PROPERTY
***Boring Where = SOIL BORINGS:
Grids : 3909C8629B 3909B8629B 3909C8629A 3909B8629A

Work type : SOIL BORING INSTALL MONITORING WELLS
Done for : CURRY AUTO AND COLLISION CENTER
Start date: 10/09/2012 Time: 09:15 Hours notice: 120/048 Priority: NORM
Ug/Oh/Both: U Blasting: N Boring: Y Railroad: N Emergency: N
Duration : 3 DAYS Depth: 30 FEET

Company : FIELDS ENVIRONMENTAL INCORPORATED Type: CONT
Co addr : 1309 WEST VERNAL PIKE
City : BLOOMINGTON State: IN Zip: 47404
Caller : AARON NORTON Phone: (812)333-5333
Contact : RUDY FIELDS - CELL Phone:
BestTime:
Mobile : (812)327-7881
Fax : (812)333-5334
Email : AARON@FIELDSENVIRONMENTALINC.COM

Remarks: All tickets are taken and processed on Eastern Daylight Time
Will you be white-lining the dig site area? NO

Submitted date: 10/04/2012 Time: 08:53
Members: ID0002 ID1443 ID3147 ID3452 ID5960 ID8060 SBCIN SM

<table>
<thead>
<tr>
<th>Member Name</th>
<th>Facility Types</th>
</tr>
</thead>
<tbody>
<tr>
<td>AT&amp;T - DISTRIBUTION</td>
<td>COMMUNICATIONS</td>
</tr>
<tr>
<td>BLOOMINGTON TRAFFIC DIVISION, CITY OF</td>
<td>TRAFFIC</td>
</tr>
<tr>
<td>BLOOMINGTON UTILITIES, CITY OF COMCAST</td>
<td>SEWER &amp; WATER</td>
</tr>
<tr>
<td>CENTRAL (BLOOMINGTON)</td>
<td>CABLE TV</td>
</tr>
<tr>
<td>DUKE ENERGY / FORMERLY CINERGY</td>
<td>ELECTRIC</td>
</tr>
<tr>
<td>SMITHVILLE TELEPHONE COMPANY, INC</td>
<td>TELEPHONE</td>
</tr>
<tr>
<td>VECTREN - BLOOMINGTON</td>
<td>GAS</td>
</tr>
</tbody>
</table>

View Map | Close Map |

Property of United States Infrastructure Corporation
Photo taken on 10/9/2012 1:23:04 PM

Ticket Text and Map display for Ticket: # 1210121609

DAMAGE DAMAGE

Ticket: 1210121609 Date: 10/12/2012 Time: 12:34 Oper: SPEOPLES Chan:036

State: IN Cnty: MONROE Twp: PERRY
Cityname: BLOOMINGTON Inside: Y Near: N

Address: 2906
Street: BUICK CADILLAC BLVD
Cross 1: S AUTO MALL RD Within 1/4 mile: Y
Location: LOCATE 100 FEET IN ALL DIRECTIONS OF THE MAIN AUTO DEALERSHIP
BUILDING- IT IS THE BIGGEST BUILDING ON THE PROPERTY
***Boring Where = SOIL BORINGS

Grids: 3909C8629B 3909B8629B 3909C8629A 3909B8629A

Work type: SOIL BORING INSTALL MONITORING WELLS
Done for: CURRY AUTO AND COLLISION CENTER
Start date: 10/12/2012 Time: 12:34 Hours notice: 0/000 Priority: EMER
Ug/Oh/Both: U Blasting: N Boring: Y Railroad: N Emergency: Y
Duration: 3 DAYS Depth: 30 FEET

Company: FIELDS ENVIRONMENTAL INCORPORATED Type: CONT
Co addr: 1309 WEST VERNAL PIKE
City: BLOOMINGTON State: IN Zip: 47404
Caller: AARON NORTON Phone: (812)333-5334
Contact: RUDY FIELDS - CELL Phone:
BestTime:
Mobile: (812)327-7681
Fax: (812)333-5334
Email: AARON@FIELDSENVIRONMENTALINC.COM

Remarks: All tickets are taken and processed on Eastern Daylight Time
PER AARON - GAS LINE IS DAMAGED - VECTREN IS THE UTILITY - GAS CAN BE SMELT AND
IT IS BLOWING - LINE WAS DAMAGED ON THE EAST SIDE OF S AUTO MALL ROAD JUST OFF
THE EDGE OF ROAD - DESCRIPTION OF LINE IS UNKNOWN- 911 HAS BEEN CALLED - CREW
IS ON SITE - VECTREN HAS BEEN CALLED - PREVIOUS TICKET NUMBER 1210040415
Will you be white-lining the dig site area? NO
;

Submitted date: 10/12/2012 Time: 12:34
Members: ID0002 ID1443 ID3147 ID3452 ID5960 ID8060 SBCIN SM

### Member Name

- AT&T - DISTRIBUTION
- BLOOMINGTON TRAFFIC DIVISION, CITY OF TRAFFIC
- BLOOMINGTON UTILITIES, CITY OF
- COMCAST CENTRAL (BLOOMINGTON)
- DUKE ENERGY / FORMERLY CINERGY
- SMITHVILLE TELEPHONE COMPANY, INC
- VECTREN - BLOOMINGTON

### Facility Types

- COMMUNICATIONS
- SEWER & WATER
- CABLE TV
- ELECTRIC
- TELEPHONE
- GAS

---

Property of United States Infrastructure Corporation
Photo taken on 10/12/2012 3:57:02 PM
Service Order Status

Enter Service Order Number:
5396668

Banner Instance: √ CS03PROD  √ CS01PROD  √ CS02PROD
Order Number:  N5396668
Order Type:  LEAK
Order Status:  Completed

Customer:  600380404 - CURRY BUICK CADILLAC INC
Prem:  5131299 - 2905 BUICK CADILLAC BLVD

Technician:  2921 - Swafford, Mike

Order Dates and Times
Need Date:  10/12/2012 12:43:00 PM
Time Created:  10/12/2012 12:31:52 PM
Time Dispatched:  10/12/2012 12:31:52 PM
Time In Route:  10/12/2012 12:36:00 PM
Time On-Site:  10/12/2012 2:06:32 PM
Tech Complete:  10/12/2012 4:27:01 PM
Time Closed:  10/12/2012 4:27:01 PM

Events Performed/Completion Code
LKOT - CMP

Meter Information
Current ReadStatus
Old Meter:  91937  Active
New Meter:

Completion Notes
DRILLING MACHINE HIT 2" STL main...LINE WAS BLOWING--MADE SAFE AT 3:55 PM--MILLER PIPELINE IS REPAIRING MAIN........

Request Notes
10-12-12 HIT BLOWING GAS LINE, UNSURE WHAT SIZE-APX 35-40' AWAY FROM BLG-NOT ENTERING-XST AUTOMALL R
D-POC SARA WITH FIELDS ENVIROMENTAL WAS DRILLING-HAD LOCATES, UNSURE OF #-SHE WILL BE ONSITE-PH# 812
-327-2839

MDSI Event Dates and Times
Event
AsnAssignmentManualAck_evt
AsnAssignmentEnRoute_evt
AsnAssignmentOnSite_evt
OrdOrderComplete_evt
Date/Time
10/12/2012 12:34:18 PM
10/12/2012 12:36:00 PM
10/12/2012 2:06:32 PM
10/12/2012 4:27:01 PM
User
Swafford, Mike
Swafford, Mike
Swafford, Mike
Swafford, Mike

NOTE: The Reporting database replicates in near real-time; it has been approximately 0 minute(s) since the last transaction replicated.
Pipeline Safety Division
Indiana Utility Regulatory Commission
101 W. Washington Street, Suite 1500E
Indianapolis, IN  46204-3407

RE: Notice of Preliminary Determination of Violation Pipeline Safety Division Case No. 4025

To whom it may concern:

Fields Environmental, Inc. (Fields) received the above referenced notice that requested information on parties or witnesses with relevant information for the Pipeline Safety Division to consider in its investigation. The following parties or witnesses were on site at the time of the damage:

Major Drilling Environmental, LLC (Major) was subcontracted by Fields to provide drilling services at the time of the gas pipeline facility damage referenced in Case No. 4025. Major employee Mr. Wes Casteel operated the drill rig and was assisted by Major employees Mr. Mike Rodriguez and Mr. William A. Watkins.

Daniel Harrison
Midwest Operations Supervisor
Major Drilling Environmental, LLC
156-B Import Circle
Huntsville, AL 35806
Office 256.852.7000
Cell 317.964.3636
Fax 256.852.7070
daniel.harrison@majordrilling.com
www.majordrilling.com

The Curry Auto Center, a new and used car dealership, is located at the address of the damaged pipeline facility. Mr. Craig Richards, the general manager of the dealership, was on the site at the time of the damage.

Mr. Craig Richards
General Manager
Curry Auto Center
2906 East Buick Cadillac Blvd.
Bloomington, IN  47401
(812) 339-2227
craigr@currybuick.com

We will be submitting the Information Request Form along with a narrative statement,
photographs and a figure from Fields shortly.

Thank you,

Aaron Norton
Environmental Technician

Fields Environmental, Inc.
1309 West Vernal Pike
Bloomington, IN 47404
aaron@fieldsenvironmentalinc.com
Office: 812-333-5333
Mobile: 812-272-6991
Fax: 812-333-5334
INITIAL DOCUMENTS - EXCAVATOR

Pipeline Safety Division Case No. 4025

Date of Event: 10/12/2012

Event Location: 2906 Buick Cadillac Blvd,
Bloomington, Monroe County

Excavator: Fields Environmental Incorporated

Facility Owner: Vectren

December 28, 2012
INFORMATION REQUEST
State Form 54909 (2-12)
INDIANA UTILITY REGULATORY COMMISSION – PIPELINE SAFETY DIVISION

Case Number: 4025

The Pipeline Safety Division of the Indiana Utility Regulatory Commission requests any and all information you can provide regarding the following criteria.

Upon completion of answers select email button for submission.

The Parties

Excavator Information:

Business Name: Fields Environmental, Inc.

Responsible Party Personal Name: Aaron Norton

Title (if any): Environmental Technician

Address (number and street): 1309 West Vernal Pike

City, State and ZIP Code: Bloomington, IN 47404

Preferred Telephone Number (area code): (812) 333-5333

Cellular Telephone Number (area code): (812) 272-6991

Email Address: aaron@fieldsevironmentalinc.com

Facility Information:

Business Name: Vectren

Responsible Party Personal Name: Randa Powers

Title (if any): 

Address (number and street): 

Page 1 of 5
City, State and ZIP Code: ____________________________________________

Preferred Telephone Number (area code): ____________________________________________

Cellular Telephone Number (area code): (317) 997-3939

Email Address: ________________________________________________________________

**Locator Service Information:**

Business Name: United States Infrastructure Corporation

Responsible Party Personal Name: ________________________________________________

Title (if any): ________________________________________________________________

Address (number and street): _________________________________________________

City, State and ZIP Code: _____________________________________________________

Preferred Telephone Number (area code): _________________________________________

Cellular Telephone Number (area code): _________________________________________

Email Address: ______________________________________________________________

**Cause of Damage Information**

**Type of Equipment (select one):** Boring/Drilling

**Type of Work Performed (select one):** Unknown/Other - Soil Boring/monitoring Well Installations

**Other Information (Witness, Police, Fire, Other):**

Personal Contact: _____________________________________________________________

Business/Organization Name: ___________________________________________________

Title (if any): ________________________________________________________________

Address (number and street): _________________________________________________

City, State and ZIP Code: _____________________________________________________

Preferred Telephone Number (area code): _______________________________________
Cellular Telephone Number (area code): ________________________________

Email Address: ________________________________

Utility Line Impact

Location of Damage:

Address (number and street): 2906 Buick Cadillac Blvd

City, State and ZIP Code: Bloomington, IN 47401

Nearest Intersection: East Buick Cadillac Blvd & South Auto Mall Road

Product Type (select one): Natural Gas

Facility Type (select one):

Size (Diameter/etc.): ____________________________

Pressure (PSIG/Inches): ______________

Interruption in Service: □ Yes □ No  Number of Customers Affected: __________

Evacuation: □ Yes □ No  If yes, How Many Evacuated? __________

Repair Cost (if known): $_____________________

Release of Product:  □ Yes □ No

Ignition and/or Fire: □ Yes  □ No

Excavator Notify 811:  □ Yes □ No

Locate Information

Excavator Request Locate:  □ Yes □ No

Indiana 811 Locate Ticket Number: 1210040415
Locate Marks Visible: □ Yes □ No
Locate Marks Correct: □ Yes □ No
Excavator "White Lined": □ Yes □ No
Maps Used to Mark Facilities: □ Yes □ No
Was Locate Provided within Two (2) Working Days: □ Yes □ No
Operator Employees On-site during Excavation: □ Yes □ No

Incident Impact Information
Number of Outpatient Treated: 0
Number of Inpatient Treated: 0
Number of Fatalities: 0
Fire Department Response: □ Yes □ No
Police Department Response: □ Yes □ No
Ambulance Response: □ Yes □ No

Additional Information / Comments

Locate marks were incomplete, see attached narrative statement.
NARRATIVE STATEMENT

Your Pipeline Safety Division Case Number: 4025

Your Full Name: Aaron Norton

Full Name of Business / Entity (if applicable): Fields Environmental, Inc.

Your Business Title (if applicable): Environmental Technician

Address (number and street): 1309 West Vernal Pike

City: Bloomington State: IN ZIP Code: 47404

Your E-mail Address: aaron@fieldsenvironmentalinc.com

Today’s Date (month, day, year): 12/28/2012

Your Signature: Title (if any) Environmental Technician

Please return your Narrative Statement to:

Pipeline Safety Division – Case Number 4025
Indiana Utility Regulatory Commission
101 West Washington Street, 1500E
Indianapolis, IN 46204

Or scan the statement and Email to:

PipelineDamageCase@urc.in.gov
December 28, 2012

Pipeline Safety Division
Indiana Utility Regulatory Commission
101 West Washington Street, 1500E
Indianapolis, IN 46204

Subject: EXCAVATOR AUTHORIZATION FOR REPRESENTATION
PIPELINE SAFETY DIVISION CASE NUMBER 4025

To whom it may concern:

This correspondence serves to provide authorization to Aaron Norton, an Environmental Technician employed by Fields Environmental, Inc. (Fields), to represent Fields concerning Pipeline Safety Division case number 4025.

Please contact Rudy Fields at 812-333-5333 if you have any questions.

Respectfully submitted,

Fields Environmental, Inc.

[Signature]

Rudy Fields, LPG, CHMM
President
December 28, 2012

Pipeline Safety Division
Indiana Utility Regulatory Commission
101 West Washington Street, 1500E
Indianapolis, IN 46204

Subject: EXCAVATOR NARRATIVE STATEMENT
PIPELINE SAFETY DIVISION CASE NUMBER 4025

To whom it may concern:

This narrative statement summarizes the activities and findings of Fields Environmental, Inc. (Fields) concerning damage that occurred on October 12, 2012 to a Vectren gas pipeline facility located at 2906 Buick Cadillac Blvd, Bloomington, Monroe County, Indiana (Site). Fields representatives Mr. Rudy Fields LPG, CHMM, Ms. Sara Hamidovic PE, CHMM, and Mr. Aaron Norton all provided information for this narrative statement. Photographs taken at the Site before and after the damage occurred are included.

Fields was conducting environmental investigations at the Curry Auto Center located at the Site. The Curry Auto Center is managed by Mr. Craig Richards (812) 339-2227. This round of investigation included soil borings and monitoring well installations to conduct investigative sampling and analytical testing of soil and groundwater at the Site. Major Drilling Environmental, LLC (Major), with offices at 156-B Import Circle Huntsville, Alabama (256) 852-7000, was subcontracted by Fields to provide drilling services. Major employees Wes Casteel, Mike Rodriguez and William A. Watkins were on Site.

Mr. Aaron Norton, Environmental Technician for Fields, contacted Indiana 811 on October 4, 2012 at approximately 0842 hours to request that the underground utilities at the Site be marked in anticipation of environmental investigation to include vertical soil borings and monitoring well installations (Site Plan). Mr. Norton requested that all underground utilities within 100 feet in all directions of the Curry Auto Center building be marked. The locate ticket number provided by Indiana 811 was 1210040415.
Ms. Hamidovic and Mr. Norton arrived on Site at 0730 on October 12, 2012 to continue investigative work on the Site. Major was on Site upon Fields’ arrival. Two borings were drilled and two monitoring wells were constructed. At approximately 1100 hours Fields began evaluating the location for the installation of MW-8 west of the Curry Auto Center building for underground utilities. There was a linear strip of newly planted grass, a storm sewer grate and an exposed 1/2" pipe on the perimeter of the landscaping in the area west of the building. Ms. Hamidovic suspected an unmarked private irrigation system, a storm sewer and some other utility infrastructure beneath the newly planted grass. Mr. Richards helped locate the irrigation system and Ms. Hamidovic decided to move the location of MW-8 to the edge of the asphalt parking lot farther to the north.

Prior to determining the new location Ms. Hamidovic reviewed site maps and figures, consulted with Mr. Casteel (the drilling rig operator), Mr. Richards, and Mr. Norton, and searched for any nearby marked utilities. The new location for MW-8 was on the southwestern corner of the northernmost asphalt parking lot where display vehicles are staged. There were no utility markings in the vicinity of the amended location, nor were there any marking trending towards the area. There was one gas pipeline marked on the Site and it emerged from the south side of the building close to MW-6 (Photo #2). The line then turned to the west parallel to the Curry Auto Center building and extended toward Auto Mall Road (Photo #1).

Ms. Hamidovic consulted with Mr. Richards regarding the new location of MW-8 (Photo #3) and asked him to move four display vehicles to make room for the drill rig. At this point Mr. Norton, and two of the Major representatives went to lunch. Ms. Hamidovic provided oversight while Mr. Casteel moved the rig to the amended location. Drilling commenced at the location of MW-8 at approximately 1200 hours. At approximately 3.5' below ground surface the drill contacted something solid. Mr. Casteel reported the contact to Ms. Hamidovic who instructed him to stop drilling and remove the core barrel from the ground. Ms. Hamidovic again reviewed site maps and figures, inspected the borehole for any signs of underground utilities, and performed an additional search for utility markings in the vicinity.

Ms. Hamidovic saw no indication of underground utilities at the location and she instructed Mr. Casteel to continue drilling. Shortly thereafter there was an intense rushing air sound and Mr. Casteel yelled "gas". Mr. Casteel activated the emergency kill switch on the drill rig and both he and Ms. Hamidovic evacuated to the Curry Auto Center building. Ms. Hamidovic immediately contacted Vectren, the operator of the gas pipeline facility to report the incident and request emergency assistance. She then contacted 911 to report the incident and request assistance from the fire and police departments for evacuation and a cordon of the immediately adjacent streets. Ms. Hamidovic and Mr. Norton (upon his return from lunch) then informed Mr. Richards and began to evacuate people from the area. Mr. Norton contacted Indiana 811 to report the incident. The local fire and police departments responded and secured the area around the damaged gas pipeline. Fields personnel proceeded to direct traffic away from the area and inform personnel in the area to avoid starting vehicles, utilizing cellular phones, etc. until approximately 1630 hours when Mr. Norton left the Site.
Ms. Randa Powers, a Vectren representative, arrived on the scene and met with Ms. Hamidovic. Ms. Hamidovic and Ms. Powers observed the utility markings on the Site and agreed that the locate was done improperly. United State Infrastructure Corporation (USIC), performed the utility locate on the Site prior to investigative activities. USIC arrived subsequent to the incident to remark utilities on and adjacent to the Site in preparation for the emergency response activities. Mr. Rudy Fields, the President of Fields, arrived on the Site at 1530 hours to assess the situation. Mr. Fields met with Ms. Hamidovic and Mr. Norton to discuss the situation and to receive an update on progress. Mr. Fields interfaced with Mr. Richards and with Ms. Powers.

Mr. Fields took straight line measurements from the Curry Auto Center building to the location where the pipeline was damaged. The building is situated on the lot diagonally and not parallel to the damaged pipeline that runs parallel to east side of Auto Mall Road. From the point of damage on the gas line to the Curry Auto Center building measured 97 feet. This location falls within the parameters of Fields' requested utility locate ticket #1210040415. The damaged pipeline runs along Auto Mall Road and at least 160 lineal feet of the pipeline are within the parameters of the requested utility locate. The impacted gas line was not marked at any point along Auto Mall Road. At some points the damaged gas line was only 30 feet from the building and was not marked at any point. The branch line traversing from the impacted gas line to east side of the Curry Auto Center building was the only gas line marked in the vicinity.

Mr. Fields and Ms. Powers evaluated the markings on the site and agreed that the utilities on the site were not marked correctly based on the parameters given by Fields for locate ticket #1210040415. At 1600 hours, Miller Pipeline, a contractor for Vectren, arrived and proceeded to repair the damaged line (Photo #4). Ms. Hamidovic left the site at 1800 hours. The damaged pipeline facility was repaired by 1830 hours and Mr. Fields left the Site upon completion of the repair.

Please contact Rudy Fields at 812-333-5333 if you have any questions regarding this statement.

Respectfully submitted,
Fields Environmental, Inc.

[Signatures]

Rudy Fields, LPG, CHMM
President/Senior Project Manager

Sara R. Hamidovic, PE, CHMM
Project Manager
SITE PLAN
AREA OF VECTREN GAS PIPELINE FACILITY DAMAGE (97' FROM THE BUILDING AT THE SITE TO THE DAMAGE / MEASURED AT THE SITE)

MARKED GAS PIPELINE

UNMARKED GAS PIPELINE

BUILDING AT SITE
(2906 E BUICK CADILLAC BLVD
BLOOMINGTON, IN 47401)
THE FIELDS ENVIRONMENTAL, INC. LOCATE REQUESTED THAT THE UNDERGROUND UTILITIES BE MARKED WITHIN 100' IN ALL DIRECTIONS OF THIS BUILDING
PHOTOGRAPHS
Case # 4025 Pipeline Facility Damage / 2906 Buick Cadillac Blvd.

The only marked gas line on Site – branch line running from Curry Auto Center to Auto Mall Road.

Unmarked gas line runs parallel to the sidewalk. Over 160’ feet of line, (including area of damage) is located within the parameters of Fields locate.

Distance from Curry Auto Center building to unmarked gas line = 30’ at this location.

Closest marked gas line to the damaged line.

MW-8 soil boring and location of damaged Vectren gas line.
Case # 4025 Pipeline Facility Damage / 2906 Buick Cadillac Blvd.

Photo #3
Curry Auto Center building.

MW-8 Soil Boring and location of unmarked gas line; damage occurred 97’ from Curry Auto Center building.

Photo #4
Damaged pipeline subsequent to repair on 10/12/12